

# SMOKE SIGNALS

*For Radio Amateurs • By Radio Amateurs*

Published Monthly Since 1969 • Our 28th Year

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## "Save big money," says Ray



The fellow with the distinguished white hair and the big smile you see on TV selling products for Menard's is Ray Szmanda, KB9JPB, of northern Wisconsin.

Photo courtesy Ray Szmanda/KB9JPB

Ray Szmanda, KB9JPB, spent nearly 50 years of his life in broadcasting, much of that with WTMJ in Milwaukee. And along the way, he acquired a wife almost 48 years ago, and seven children, three daughters and four sons. All the sons are doctors in one specialty or another, including N9VAZ, who is a neurologist and a General class ham. He tried to interest Ray in ham radio, but didn't have much luck until Ray listened to him talk to a 747 in flight over Brazil. With that, Ray was hooked.

Ray studied and received his no-code Technician class license, and finds that talking with other hams while en route from Antigo to Eau Claire, where the Menard's commercials are shot, keeps boredom at a minimum.

Ray also helps at grand openings of new Menard's, most recently in Iowa, where he signed more than 500 autographs. And, on a "shoot" a while back, Reggie White, of the World Champion Green Bay Packers, asked Ray for his autograph.

So, next time you hear that enthusiastic voice and see that distinguished face, remember it is Ray, and not just any Ray, but KB9JPB. □

## City of Milwaukee says "nicht willkommen" to Amateur Radio towers

**Last minute update:  
see page 13**

*New law appears to fail federal pre-emption doctrine in several legal areas of PRB-1; Federal Court suit possible*

A new anti-tower law in the City of Milwaukee, apparently inspired by the proliferation of cellular telephone towers, is a uniform law, making no exceptions, not even hobby and public service towers, which is the purpose they serve for radio amateurs and thereby the public for whom hams provide public service and safety communications at no taxpayer expense. The law has not yet taken effect.

The law, as interpreted below, also apparently fails to meet the requirements of PRB-1, the Federal Doctrine of Pre-emption over local control of amateur towers. To erect a tower over 40 feet in height, a \$300 application fee must be paid and public hearings held. More information is available from Scott Frakes, KB9-

Please turn to page 9

## Tauzin wants teeth in electronic eavesdropping law

*Law would affect radio amateurs*

Another bill introduced in Congress to beef up prohibitions against electronic eavesdropping has scanner enthusiasts and equipment makers worried and could affect some Amateur Radio equipment. HR 2369, the Wireless Privacy Enhancement Act of 1997, was introduced by Rep Billy Tauzin of Louisiana. If passed, it would -- among other things -- amend the Communications Act of 1934 to ban the sale of scanning receivers capable of receiving transmissions on any frequency allocated to any Commercial Mobile Radio Service (CMRS). The CMRS is a relatively new umbrella designation of subscriber-based radio services that act like telephone services. In addition to cellular telephone, such services include commercial paging services, commercial air-to-ground services, offshore radiotelephone, personal communication services, and specialized mobile radio services.

HR 2369 would prohibit receiving, divulging, publishing or using any intercepted transmission, and subject violators to substantial fines. It also would make it illegal to modify equipment so that it may be used to unlawfully intercept or divulge radio communications. The FCC would be charged with investigating complaints and enforcing the stiffer regulations.

As currently drafted, the bill appears

to affect equipment available to scanner enthusiasts, hams who use scanning transceivers to receive out-of-band, and hams who use out-of-band capability for volunteer work. It would not affect ham frequencies, per se. The League's Legislative and Public Relations Manager, Steve Mansfield, N1MZA, says the ARRL is studying the bill to determine its long term implications for ham radio and ham gear. The ARRL has contacted Tauzin's office to express its concerns, and Mansfield says the League "will continue to work with members of Congress to have the bill modified to reflect the needs of the Amateur Radio community."

The Tauzin bill comes fast on the heels of very similar, but less-stringent, legislation proposed by Rep Edward Markey of Massachusetts (see The ARRL Letter, Vol 16, No 29). The ARRL has met with Markey's staff to discuss the negative implications of HR 1964 for Amateur Radio. That bill was not given much chance of passage.

An incident last year in which House Speaker Newt Gingrich's cellular telephone conversation was illegally intercepted, taped and published by the media prompted calls in Congress for stronger anti-eavesdropping legislation.

The ARRL Letter, 8/8/97

**CIA to use Amateur Radio: see page 9**

**Wisconsin Amateur Radio Internet addresses:  
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# WHAT'S HAPPENING

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✂ Amateur Radio Exam Schedules

Edited by Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage, WI 53901 • kebnetter@palacenet.net

## Swapfests and Other Social Events

SATURDAY, SEPTEMBER 6, 1997. W9DXCC Convention & Banquet, Holiday Inn, Rolling Meadows, IL. Contact: Chairman, Phil Camera, KB9CRY. (708) 343-1696, FAX (708) 343-3494, E-mail: iphil@megsnet.net

SATURDAY, SEPTEMBER 14, 1997. Dane County ARES Early Autumn Swapfest, at Fast Forward Roller Skating and Skate Shop, 4649 Verona Road, (Hwy 18/151). Contact Dane County ARES, Inc. 810 Vernon Ave., Apt 4, Madison, WI 53714. (608) 222-3444. (See ad for more information.)

SATURDAY - SUNDAY, SEPTEMBER 20-21, 1997. Peoria Superfest '97 at Exposition Gardens, Peoria, IL. Contact: SUPERFEST '97. PO Box 3508, Peoria, IL 61612-3508.

SATURDAY - SUNDAY, SEPTEMBER 27-28, 1997. RADIO EXPO 97, Lake County Fairgrounds, Grayslake, IL. Contact: Chicago FM Club, PO Box 56724, Harwood Hts, IL 60656-0724. (708) 457-0966.

SATURDAY, OCTOBER 25, 1997. Hamfest Minnesota and Computer Expo will take place at the St. Paul Civic Center, Kellogg & 7th St., 8:00 a.m. to 4:00 p.m. Contact: Hamfest Minnesota & Computer Expo, PO Box 5598, Hopkins, MN 55343, or call the Hamfest Minnesota Hot Line at (612) 535-0637.

www.hamfestmn.org. (See full ad nex month for additional information.)

SATURDAY, NOVEMBER 1, 1997. "6.91 Friendly Fest", sponsored by the Milwaukee Repeater Club, at the Waukesha County Expo Center Forum, Waukesha, WI. Contact: The Milwaukee Repeater Club, PO Box 2133, Milwaukee, WI or N9VBI, Burt, (414) 328-0535.

SUNDAY, NOVEMBER 2, 1997. Fox Cities ARC, Kaukauna, WI. Held at the Starlite Club, corners of Highway 55 and County Road JJ, North of Kaukauna. VE testing, food, refreshments, great deals. Contact: Chad Pennings, N9PRC, 1912 Russet Ct. Apt. #7, Appleton, WI 54914. (920) 993-0485. (See ad for additional information.)

SATURDAY & SUNDAY, NOVEMBER 15-16, 1997. Fort Wayne Hamfest at Allen County War Memorial Coliseum Exposition Center, For Wayne IN. Contact: ACARTS, PO Box 10342, Fort Wayne IN 46851. (219) 484-1314.

SUNDAY, JANUARY 11, 1998. 26th annual Midwinter Swapfest, sponsored by the West Allis Radio Amateurs Club, Waukesha County Expo Center Forum, Waukesha, WI. Contact WARAC Swapfest, PO Box 1072, Milwaukee, WI 53201.

TUESDAY, FEBRUARY 24, 1998. Red Cedar Repeater Association Auction. Contact: Steve Hart, KA9OMC, E616 810th Ave.,

Knapp, WI 54749-9020. (715) 665-2374.

SUNDAY, MARCH 8, 1998. SEWFARS Swapfest, Waukesha County expo Center, Waukesha, WI. Contact: SEWFARS Inc., PO Box 102, Delafield, WI 53018, (414) 358-1003.

SUNDAY, MARCH 15, 1998. Tri County Hamfest 1998, Jefferson WI. Contact TCARC, 213 Frederick St., Fort Atkinson, WI 53538. (920) 563-6381.

SUNDAY, APRIL 5, 1998. Madison Swapfest. John Q Hammons Trade Center. Contact: MARA, PO Box 8890, Madison, WI 53708-8890. (608) 245-8890.

SATURDAY, MAY 2, 1998. Ozaukee Radio Swapfest. Contact: Ozaukee Radio Club, W58 N985 Essex Drove. Cedarburg. WI 53012-1439.

SUNDAY, JUNE 7, 1998, Adams County Hamfest. Contact: Nick Segina, WB9YKK. (608) 339-9014.

SUNDAY, JUNE 7, 1998, CWRA Swapfest, Junction City, WI. Contact: John Feltz, WA9LWJ, 973 E. First St., Junction City, WI 54443-9614. (715) 457-2506.

SATURDAY, JULY 11, 1998. South Milwaukee Amateur Radio Club Swapfest, South Milwaukee, WI. (414) 762-3235.

See also the back page and flyer ads for additional information on many of these events.

## Badger State Smoke Signals

**Amateur Radio  
Education and Information**

**CHAIRMAN:** Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage, WI 53901. Telephone (608) 742-3560. kebnetter@palacenet.net

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**EDITORIAL BOARD:** Ken Ebnetter, K9EN; Dave Knaus, WA9POV; Don Evenson, K9JYX; Jim Romelfanger, K9ZZ.

### Subscriptions

1 year	(12 issues)	\$13.95
2 years	(24 issues - save \$1.95)	\$25.95
3 years	(36 issues - save \$3.90)	\$37.95

Special club package reduced rates are available. For information, contact Ken Ebnetter, K9EN.

### When to Send It

The closing date for each issue is the first of the month for the next month's issue. For example, the closing date for the June issue is May 1. The only exception is for participating clubs' minutes. Participating clubs are requested to send their material no later than FIVE DAYS after the club's meeting. For example, if a club meets on the 4th of the month, the material should be sent no later than

the 9th of that month. This material is to be sent to the Editor.

### Where to Send It

Address changes and corrections should be sent to Ken Ebnetter. Editorial material, photographs, feature articles, display ads, and exchange papers should be sent to Jim Romelfanger.

Inquiries about advertising should be directed to Ken Ebnetter. Club, swapfest, and Test Point information should be sent to Ken Ebnetter.

Swapfest ads should be sent to Jim Romelfanger NO LATER THAN EIGHT WEEKS BEFORE THE EVENT'S DATE.

Subscriptions should be sent, with check or money order, to Jim Decker.

### Conditions for Reprinting or BBS Posting Material from Badger State Smoke Signals

Permission is hereby granted to reprint articles or posting articles on radio or telephone bulletin boards from *Badger State Smoke Signals*, providing credit is given to the original author, publication in which the article first appeared, and to *Badger State Smoke Signals*. **THIS CREDIT IS MANDATORY, AND NO MATERIAL MAY BE PRINTED OR POSTED UNLESS IT IS GIVEN.**

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*Badger State Smoke Signals* is incorporated as a Wisconsin non-stock, non-profit organization.

### Editorial Disclaimer

The opinions expressed in editorials, guest editorials, columns, articles, and letters from readers are the opinions of the authors only, and do not, unless otherwise stated, express or imply endorsement by *Badger State Smoke Signals*, or by any other individual or organization.

Let us know of your dates as soon as you know them. We will list them and perhaps help avoid conflicts with other events.

As a service to our readers, this section of *Badger State Smoke Signals* is available without charge to list your upcoming Swapfest, Hamfest, dinner, picnic, party or other event of interest to Radio Amateurs in Wisconsin and nearby areas. Send information on your event to Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage, WI 53901. In addition, space is available at attractive rates on our advertising pages. For information on rates and requirements for our advertising pages, please contact K9ZZ or K9EN.



## CLUB MEETINGS

Due to space limitations, we cannot always carry the full listing of Wisconsin and area club meetings. Please see the August 1997 meetings column for the latest complete listing. The following changes have been reported to BSSS since that listing.

FOX CITIES AMATEUR RADIO CLUB

Third Mon. - 7:00 p.m. - Madison Junior High School, 2020 South Carpenter Street, Appleton, WI. Info: Chad (414) 993-0485.

# The Test Point



## Amateur Radio Examination Locations and Schedules in the Wisconsin Area

September 06, 1996 Racine, WI  
 September 06, 1997 Oshkosh (Omro), WI  
 September 06, 1997 St. Paul, MN  
 September 11, 1997 Apple Valley, MN  
 September 13, 1997 Blaine, MN  
 September 13, 1997 Madison, WI  
 September 13, 1997 Marshfield, WI  
 September 13, 1997 Marshfield, WI  
 September 13, 1997 Oak Creek, WI (MRAC)  
 September 17, 1997 Eden Prairie, MN  
 September 20, 1997 Appleton, WI  
 September 20, 1997 Cottage Grove, MN  
 September 20, 1997 Loves Park, IL  
 September 20, 1997 Milwaukee, WI (BE)  
 September 27, 1997 Bloomington, MN  
 September 27, 1997 Milwaukee, WI (MRAC)  
 September 27, 1997 Tomahawk, WI  
 October 04, 1997 Ashwaubenon, WI  
 October 04, 1997 Hudson, WI  
 October 04, 1997 Oshkosh (Omro), WI  
 October 04, 1997 Racine, WI  
 October 04, 1997 St. Paul, MN  
 October 09, 1997 Apple Valley, MN  
 October 11, 1997 Blaine, MN  
 October 11, 1997 Eau Claire, WI  
 October 11, 1997 Madison, WI  
 October 11, 1997 Oak Creek, WI (MRAC)  
 October 15, 1997 Eden Prairie, MN  
 October 18, 1997 Cottage Grove, MN  
 October 18, 1997 Loves Park, IL  
 October 18, 1997 Milwaukee, WI (BE)  
 October 18, 1997 Redgranite, WI  
 October 24, 1997 St. Paul, MN  
 October 25, 1997 Bloomington, MN  
 October 25, 1997 Milwaukee, WI (MRAC)  
 October 25, 1997 Tomahawk, WI  
 November 01, 1997 Menomonie, WI  
 November 01, 1997 Oshkosh (Omro), WI  
 November 01, 1997 Racine, WI  
 November 01, 1997 St. Paul, MN  
 November 02, 1997 Kaukauna, WI  
 November 06, 1997 Apple Valley, MN  
 November 08, 1997 Blaine, MN  
 November 08, 1997 Madison, WI  
 November 08, 1997 Oak Creek, WI (MRAC)  
 November 15, 1997 Cottage Grove, MN  
 November 15, 1997 Loves Park, IL  
 November 15, 1997 Milwaukee, WI (BE)  
 November 15, 1997 Redgranite, WI  
 November 19, 1997 Eden Prairie, MN  
 November 22, 1997 Bloomington, MN  
 November 29, 1997 Milwaukee, WI (MRAC)  
 December 06, 1997 Hudson, WI  
 December 06, 1997 Oshkosh (Omro), WI  
 December 06, 1997 Racine, WI  
 December 06, 1997 St. Paul, MN  
 December 11, 1997 Apple Valley, MN  
 December 13, 1997 Blaine, MN  
 December 13, 1997 Madison, WI  
 December 13, 1997 Marshfield, WI  
 December 13, 1997 Marshfield, WI  
 December 13, 1997 Oak Creek, WI (MRAC)  
 December 13, 1997 Redgranite, WI  
 December 16, 1997 Eden Prairie, MN  
 December 20, 1997 Cottage Grove, MN  
 December 20, 1997 Loves Park, IL  
 December 20, 1997 Milwaukee, WI (BE)  
 December 27, 1997 Bloomington, MN  
 January 24, 1998 Appleton, WI  
 Monthly, 1st Sat. Racine, WI  
 (except January, July & August)  
 Monthly, 1st Sat. Oshkosh (Omro), WI  
 Monthly, 1st Sat. St. Paul, MN  
 Monthly, 2nd Thu. Apple Valley, MN  
 Monthly, 2nd Sat. Oak Creek, WI (MRAC)  
 Monthly, 2nd Sat. Madison, WI  
 Monthly, 2nd Sat. Blaine, MN  
 Monthly, 3rd Tue. Eden Prairie, MN  
 Monthly, 3rd Sat. Milwaukee, WI (BE)  
 Monthly, 3rd Sat. Loves Park, IL  
 Monthly, 3rd Sat. Cottage Grove, MN  
 Monthly, 4th Sat. Bloomington, MN  
 Monthly, Last Sat. Milwaukee, WI (MRAC)  
 (except December)  
 No test on June 28, 1997 (Field Day).  
 Monthly, Last Sat. Tomahawk, WI  
 (January thru October only)  
 Quarterly Marshfield, WI  
 (Second Saturday every third month.)  
 Quarterly Eau Claire, WI  
 (Second Saturday Jan., Apr., & Oct.)  
 plus annual summer hamfest.)

Many Swapfests/Hamfests offer exam sessions. If not shown

above contact the sponsoring club in the Swapfest column on page 2.

The FCC now requires applicants to show their ORIGINAL AMATEUR LICENSE to the VEC. A copy of your license must be attached to your FCC form 610. You will also be required to have a photo ID, or other acceptable identification.

### GENERAL RULES

#### FOR MOST EXAMINATIONS:

Be sure to check with sponsors in the event there are changes and/or errors in the dates or information given.

Some examinations require filing an FCC Form 610 and advance registration at least 30 days before the exam date. (Some VECs permit walk-ins. Check with sponsor.)

To register, you must first secure a copy of the current FCC Form 610 and fill it out completely (AND CORRECTLY). Get your form from an FCC Field Office, the ARRL. Send a 32c/ SASE if you request one from the ARRL. In most cases, forms can also be obtained from the sponsoring group.

ARRL/VEC examinations require a check for \$6.25 payable to "ARRL/VEC".

The FCC now requires applicants to show their ORIGINAL AMATEUR LICENSE or CSCE to the VEC. You must also have two good copies of your license or CSCE. A copy of your license or CSCE must be attached to your FCC form 610 and most VEC want a copy for their records. You will also be required to have a photo ID, or other acceptable identification.

Technician class licensees must show proof of testing before March 21, 1987, in order to upgrade to General with a code test only.

Additional information is given below:

### MILWAUKEE RADIO AMATEURS' CLUB (MRAC/VEC)

SECOND SATURDAY - OAK CREEK, WI

LAST SATURDAY - MILWAUKEE, WI

SECOND SATURDAY DATE: 1:00 p.m. to 3:00 p.m. at Wauwatosa Savings Bank, 6560 S. 27th St., Oak Creek, WI.

LAST SATURDAY DATES: (except December): 9:00 a.m. to 12:00 noon at Amateur Electronic Supply (AES), 5710 W. Good Hope Rd., Milwaukee, WI. Note: For Additional Information: Call (414) 466-HAMS (Answering Machine).

Bring along your ORIGINAL license, CSCE (if any) and one (1) good quality photocopy of each, plus two forms of identification, such as a driver's license, etc. Also required is \$6.25 for the exam fee. WALK-INS are welcome. To register in advance, use a post card: Print the grade of license you are applying for, your name, address, and telephone number. Send the card to MRAC/VEC, Milwaukee Radio Amateurs Club, PO Box 25707, Milwaukee, WI 53225.

### BADGER EXAMINERS (BE) - MILWAUKEE

Badger Examiners group now testing at AES (Amateur Electronic Supply) at 6th and Good Hope, every third Saturday MORNING. Exam times are not 9:30 a.m. to 12:00 noon, at the old Stermann Printing shop, just 300 feet west of the AES store. Novice to Extra are offered, and all test materials are provided, fee is \$6.25, and bring your original license, or CSCE if needed. Also available are Commercial license exams GROL (General Radiotelephone license), GMDSS, Telegraph, Etc. Fee is \$35.00. For more information call Gary Sharbuno, WI9M at (414) 355-0237.

### MADISON, WI

VE exams are held in Madison every second Saturday morning of the month at 8 a.m. They are held at the operations building of the Madison Metropolitan Sewerage District at 1610 Moorland Rd. To get there take the Beltline (Hwy 12 & 18) to South Towne Drive. Go south 8/10 mile till South Towne Drive makes a bend and becomes Moorland Rd. and enter at gate.

You should bring a picture ID, your original license and a copy of your license. For exams beyond the novice tests, bring a check for \$6.25, made out to the ARRL/VEC. If the special 610 form with the medical exemption is required, contact me beforehand to obtain one. No appointments are necessary to take exams. For further questions, please leave a message on the mailbox or phone me at (608) 832-6631.

Mark Jenks, NZ9B

### RACINE, WISCONSIN - ARRL/VEC

Monthly - first Saturday, except January, July, and August.  
 Monthly exams are given 9:00 to 11:00 a.m. at the Red Cross Building, 4521 Taylor Avenue, Racine. Walk-ins are permitted.  
 Talk in on 147.87/27. Inquiries and registrations should be directed to Robert N. Jensen, W0WLN, 5616 Cambridge Lane #6, Racine, WI. Telephone (414) 886-8551.

### TOMAHAWK, WI

Last Saturday of every month. Jan. thru Oct.  
 Tomahawk Volunteer Examiners (ARRL/VEC).  
 Tomahawk, WI. No preregistration required, but appointments would be appreciated. Registration at 8:30 a.m. and testings starts at 9:00 a.m. For location or other information, inquire on 145.43 MHz. repeater or contact: Terry Collins, KB9AUP, W6564 Highway 8, Tomahawk, WI 54487. Telephone (715) 453-4633.

### ASHWAUBENON, WI (GREEN BAY)

Saturday, October 4, 1997. Held at the Ashwaubenon High School. Registration beginning at 8:00 a.m. with testing promptly at 9:00 a.m. Contact Keith Summers, N9NOF. (920) 336-6087. (After 4:00 pm. only)

### APPLETON, WI - ARRL/VEC

#### MANITOWOC, WI (HAMFEST)

#### KAUKAUNA, WI (HAMFEST)

Conducted by the Fox Cities ARC VE team. All test sessions in Appleton are held at James Madison Jr. High, 2020 S. Carpenter

Street. Testing starting at 8 a.m. For Appleton information, contact George R. Croy, W9MDP, 2113 Twin Willows Drive, Appleton, WI 54914. (920) 730-0967. For Manitowoc or Kaukauna information, contact Larry Siebers, KD9IA (920) 759-1167.

### STEVENS POINT, WI (ARRL/VE)

Held in room 107, of the UWSP Science Building, on the corner of Fourth and Reserve Streets in Stevens Point. Contact Joe Larson, N9JW evenings at (715) 344-1182.

### PEWAUKEE, WI

Kettle Moraine Exam Team. Held at the Pewaukee WCTC Campus Science Building, Room S101. 9:00 a.m. to Noon. Contact Al Johnson, AA7CS. (414) 568-0836. 103357.3222@COMPUSERV.COM

### OSHKOSH (OMRO)

The Oshkosh VE Team will administer Amateur Radio exams monthly on the first Saturday. Registration begins at 8:30 a.m. and exams will be given from 9 a.m. until noon at the Omro Community Center, 130 W. Larrabee, Omro, WI. Walk-ins welcomed. Bring a good quality photocopy of your original license and any other necessary documents such as a CSCE, etc. The first session will be through W5YI/VEC, and then sessions will alternate between ARRL/VEC and W5YI/VEC. The exam fee is \$6.25. For more information, please call Dick Lemme, K9FA, at (920) 235-0987, e-mail lemme@vbe.com, or write Dick at 826 Jefferson Street, Oshkosh, WI 54901.

### EAU CLAIRE

The Eau Claire ARC will hold exam sessions on the second Saturday in the months of January, April, and October, as well as on the date of their annual hamfest during the summer. For further information contact: Carl F. Searing, W9NW, 1129 Mc Kinley Road, Eau Claire, WI 54703-2219. (715) 834-1303.

### REDGRANITE, WI (W5YI VEC)

The Radio Amateurs of Wisconsin (RAW) will be holding test sessions at the Civic Center in Redgranite, 202 Pine River Road, one block from Highway 21. Registration at 8:45 a.m. with testing at 9:00 a.m. Bring two forms of identification, \$6.25 per test, two copies of all original documents, CSCE's, Licenses, etc. All are welcome for breakfast at the Curve Inn on Highway 21, preceding the exam session. For further information, contact: Mark Miller, N9WT, (920) 231-1662 or Sharon Gramza, N9YGN, (920) 566-2362.

### MENOMONIE, WI

The Menomonie, WI VE team will conduct its 1997 exams on Saturday, Saturday, November 1, 1997. At UW-Stout Communication Center, 820 South Broadway, Menomonie, WI. Walk-ins only, 9:00 a.m. to 11:00 a.m. Contact: Jim Ley, NX9F, (715) 232-1397 (W) or (715) 235-3998 (H).

### WISCONSIN DELLS, WI

Wisconsin Dells City Hall, City Council Chambers. 10:00 a.m. to 2:00 p.m. Contact: K9WD, (608) 254-2895.

### HUDSON, WI

Testing is held at the St. Croix County emergency government Center on Carmichael road in Hudson, WI. Registration begins at 8:00 a.m. and testing begins promptly at 9:00 a.m. Contact: Greg Miller, KB9JHL, 503 4th St., Hudson, WI 54016. (715) 386-9857.

### MARSHFIELD, WI (ARRL/VEC)

Sponsored by the Marshfield Area ARS. Held at St. Joseph Hospital, 611 St. Joseph Ave., in the 1 West classroom located adjacent to the Westwood Cafeteria on the main floor of the hospital. Use the main entrance or any other entrance and follow the signs to the cafeteria. Registration starts at 8:30 a.m. with testing starting at 9:00 a.m. Talk in on the 147.18 Marshfield repeater. Walk-ins welcome. Contact: Walter Friant, WB0KIN, 2310 Wallonie Drive, Marshfield, WI 54449 (715) 387-3870.

### PEWAUKEE, WI (ARRL/VEC)

Contact: Rodger Bradley, AA9OJ. (414) 691-3089.

### ARLINGTON HEIGHTS, IL (ARRL/VEC)

Contact: Frank Stankiewicz, (847) 437-1464.

### CEDARBURG, WI - ORC HAMFEST

### EAU CLAIRE, WI - ECARC HAMFEST

### GREEN BAY, WI - ARES HAMFEST

### HAYWARD, WI - HAYWARD HAMFEST

### KAUKAUNA, WI - SWAPFEST

### MANITOWOC, WI - LAKESHORE HAMFEST

### MARSHFIELD, WI - HAMFEST

### OAK CREEK, WI - SMARC HAMFEST

### RACINE, WI - RACINE HAMFEST

### RHINELANDER, WI - NWARC SWAPFEST

### ROCKFORD, IL - RARC HAMFEST

### ROTHSCHILD, WI - WVRA HAMFEST

### SOUTH MILWAUKEE, WI - SMARC HAMFEST

### STEVENS POINT, WI - CWRA SWAPFEST

### WAUKESHA, WI - KMRA SWAPFEST

### WAUKESHA, WI - MIDWINTER SWAPFEST

### DUBUQUE, IA - HAMFEST

See the Swapfest column for additional information and contact persons.

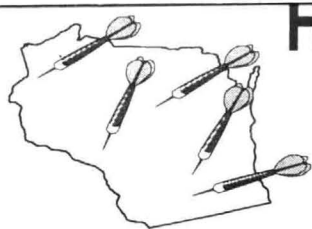
### DUBUQUE, IA - ARRL/VEC

Dubuque Hamfest. Contact: Carl Clark, N0KAX, 2145 Delicia Drive, Dubuque, IA 52001. (319) 557-9149.

### LOVES PARK, IL

Third Saturday of every month. Northern Illinois Volunteer (continued on page 14)





## HERE and THERE

### Ham foils prison escape

Thomas Sorrow, KE4ITN, of Cleveland, Alabama, was recently recognized by the Alabama Department of Corrections for confiscating electronic parts and schematics for a transceiver from an inmate. The inmate, serving a life without parole sentence for capital murder, was plotting to escape from the maximum security St Clair Correctional Facility at Springville, Alabama. Sorrow, an Extra Class licensee and correctional officer employed at St Clair, credits his hobby for his being able to identify the contraband and to assist in foiling the inmate's escape plot.

Tom Moore, KL7D, in *The ARRL Letter*, 8/4/97

### Vanity call sign filing FAQs

With the August 6 opening of vanity call sign Gate 3 for Advanced Class operators, ARRL/VEC Manager Bart Jahnke, W9JJ, offers answers to some "Frequently Asked Questions" about the vanity filing process.

For more information, see <http://www.fcc.gov/wtb/vnityfaq.html>.

#### How do I pay the fee?

#### Where do I send my application?

For hard copy Form 610Vs, you can pay by check or money order. If paying by credit card, use FCC Form 159. Mail hard copy applications to Federal Communications Commission, Amateur Vanity Call Sign Request, Box 358924, Pittsburgh PA 15251-5924.

When hand delivering or sending your application by

displays the above address on the outside. Then, your courier package must be addressed to Federal Communications Commission, c/o Mellon Bank, 525 William Penn Way, 27th Floor, Room 153-2713, Pittsburgh PA 15259 -- ATTN: Wholesale Lockbox Shift Supervisor.

#### What number do I call if I have vanity questions?

Call the FCC toll-free at 888-225-5322 between 8 AM and 4 PM Eastern Time. (You may check on the availability of up to five call sign choices using the toll-free number.)

#### How do I pay my fee when filing electronically?

With the opening of Gate 3 on August 6, 1997, the FCC has established a firm deadline for receipt of application fees to accompany electronic vanity call sign applications. Payments for electronic applications must be received by the FCC's fiscal agent, Mellon Bank, within 10 days of the application date or the application will be dismissed. The FCC is not yet equipped to handle on-line electronic payments. While the FCC now says it must have the applicable fee in-hand before it processes an application, a spokesperson at the FCC's Gettysburg office said this should not negate any "electronic advantage." She explained that as of the opening of Gate 3, the Commission plans to process applications no sooner than 10 days after receipt. So, if the fee has been paid on time, electronic filings still should be first into the hopper.

Pay your fee by check, money order or credit card (complete and include Form 159) and mail it to: Federal Communications Commission, Amateur Vanity, Box 358994, Pittsburgh PA 15251-5994. Please note that this is a different Post Office Box from the one given above.

Your fee must be accompanied by an FCC Fee Admittance Form 159 (this form appears on screen after you file your Form 610V electronically). Be sure to print out the Form 610V and Form 159 when prompted. Take a moment to write down your FCC filing number when it appears on screen. If a Form 159 does not print out, you can obtain one from the FCC via the Internet at <http://www.fcc.gov/formpage.html> or

202-418-0177 (request Form 000159). The FCC Forms Distribution Center will accept orders by calling 800-418-3676. You can obtain FCC Form 159 by writing ARRL, 225 Main St, Newington, CT 06111. An SASE is appreciated.

In most cases, your taxpayer ID number will be the same as your Social Security Number. You also can use any taxpayer ID number you might have been issued, or your telephone number.

#### What if I accidentally file too soon, or my application reaches FCC too soon?

The filing days are like a hunting season. Hunting too soon can result in a penalty. In this case, your penalty is lost time or missed choices--choices that could go to others who filed correctly and on-time. Do yourself a big favor right away by ensuring that your application is not filed (or is not delivered by courier or mail) until the opening day. The FCC has determined that only you--not the delivery agent--are responsible for the timely delivery of your application.

#### Where can I obtain Form 610V? Where can I file Electronically using the World Wide Web?

You can obtain FCC Form 610V by writing ARRL, 225 Main St, Newington, CT 06111. An SASE is appreciated. Form 610V also is available from the FCC via the Internet at: <http://www.fcc.gov/formpage.html> or <ftp://ftp.fcc.gov/pub/Forms/Form610V/> or by fax at 202-418-0177 (request Form 006108). The FCC Forms Distribution Center will accept orders by calling 800-418-3676. You can electronically apply with an on line Form 610V at: <http://www.fcc.gov/wtb/amradsrv.html>. This FCC page has several links with useful vanity filer information.

#### Where can I check to see if my vanity call sign has been granted?

The following are just some of the URLs you might check:

<http://gullfoss.fcc.gov/beta.htm> (temporary FCC Beta test page)  
<http://www.arrl.org/fcc/fcld.html>  
<http://www.qrz.com/>  
<http://www.ualr.edu/~hamradio/>  
[http://www.buck.com/cgi-bin/do\\_hamcall](http://www.buck.com/cgi-bin/do_hamcall)  
<http://www.rdatasys.com/~mdowning/fcc/callsign.html>

The ARRL Letter, 8/8/97

## DANE COUNTY ARES MADISON, WISCONSIN EARLY AUTUMN SWAPFEST of Amateur Radio and related electronic equipment

**Sunday, September 14, 1997 7:00am - Noon**

At Fast Forward Roller Skating and Skate Shop  
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See map below. Talk-in on 146.34/94 or 146.55 simplex

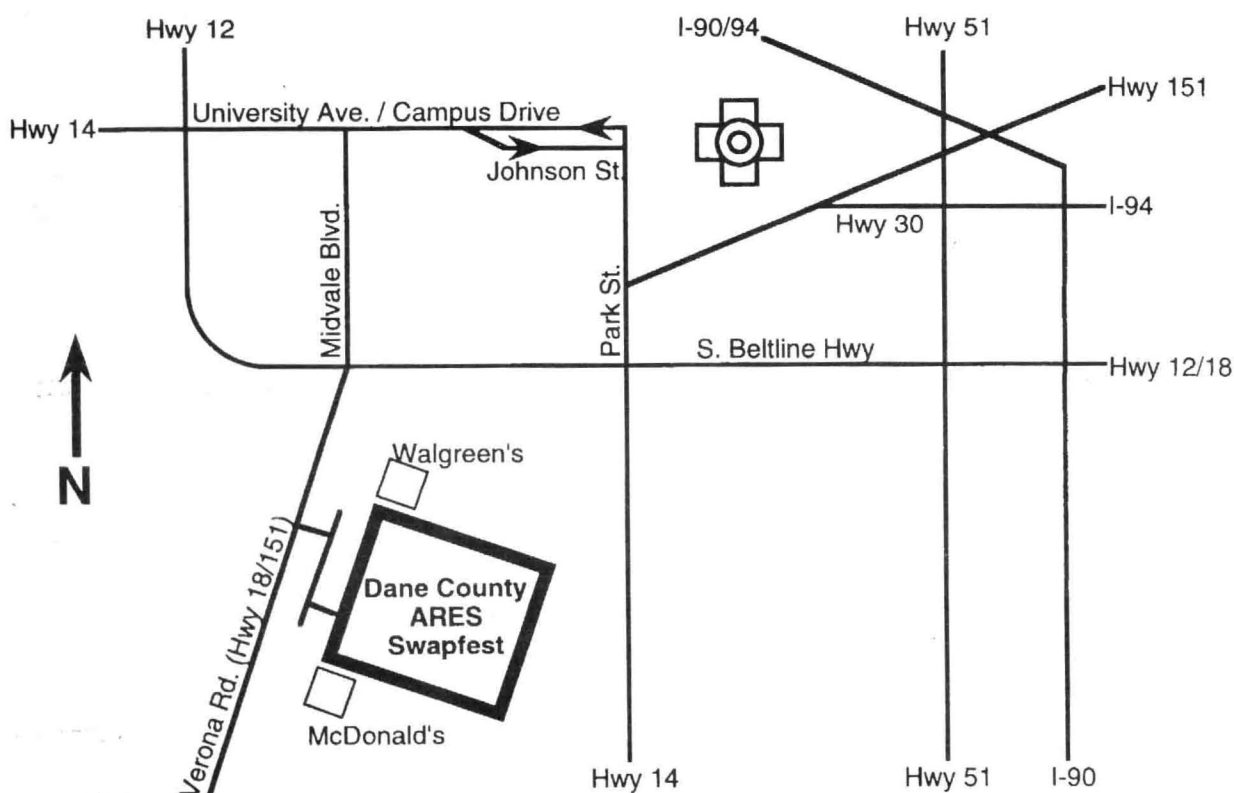
**++ No advance registration required ++**  
 'Tailgate' sales only. No tables provided. Rain or shine.

**Admission is \$5.00 per vehicle to park or to sell**

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at 9:00am**

Sponsored by Dane County ARES, Inc.  
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(608) 222-3444

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## 1997 Wisconsin QSO Party awards presented



Gary Sutcliffe, W9XT, right, won the plaque for the best score in the 1997 Wisconsin QSO Party, Single Operator-Fixed category, with 81,536 points. Lynn Tamblin, K9KR, Chairman of the WQP Committee for the West Allis Radio Amateur Club, made the presentation at the South Milwaukee Swapfest in July. Another photo is on page 9.

Photo courtesy Les Peterson, W9YCV

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## League-sponsored petition

The FCC seeks comments within 30 days on the ARRL's Petition for Rulemaking (RM 9150) that asks the Commission to improve the way it addresses serious Amateur Radio rules violations (see The ARRL Letter, Vol 16, No 16). The petition, filed in late March, calls on the FCC to "create a streamlined, privatized enforcement process" to handle and adjudicate the most serious

## Editorial

### Making criminals of millions of Americans - for the sake of expediency and profit

We have noted, with more than just a little interest, that the Good People in Washington want to expand the meaning and coverage of the Electronic Privacy Act. This move was apparently set in motion when someone down south released a recording of House Speaker Newt Gingrich talking on a cellular telephone. The law as proposed would pretty much ban the use of receivers that can hear anything out of the ham radio bands. And that would put millions of people who live in the "land of the free" in the position of being a potential criminal.

So, here is the big question: Who is really responsible for that Gingrich cell call being audible to anyone who has a receiver that hears those frequencies? Is it the owners of those receivers? No.

The name of the game here is money. Money, as in millions and millions of dollars in cell telephone service profits for the cell companies. And they are culpable when events like this occur. Encrypting technology that works and works very well is available right now. But what is cheaper, buying some congresspersons (under the guise of "lobbying"), or adding encryption equipment to the cell systems? You got it. This legislation is *not issue-driven*! It is profit-driven. Them that has, gets.

The more they get, the more they want. And do they ever want more! How could any reasonable individual occupying a seat, and having a few working brain cells, in the House or Senate actually buy the cell industry's claim that is listeners who are at fault when encryption is easily done. But, it would cost the cell industry more to encrypt than to buy a law, one which will be 99.99% unenforceable.

As the late Clyde Downing, W9HSY, used to say: You can make it illegal, but you can't make it unpopular.

- Jim Romelfanger, K9ZZ

volunteer Amateur Auxiliary to bring evidence of malicious interference violations directly before the Chief Administrative Law Judge. The Chief ALJ would be authorized to determine if the complainants have a valid case, to issue show-cause orders, and to designate complaints for hearing.

The League recommended that the FCC capitalize on the volunteer resources available through the Amateur Auxiliary to relieve the evidence-gathering burden in such cases.

Comments to the FCC should reference RM 9150.

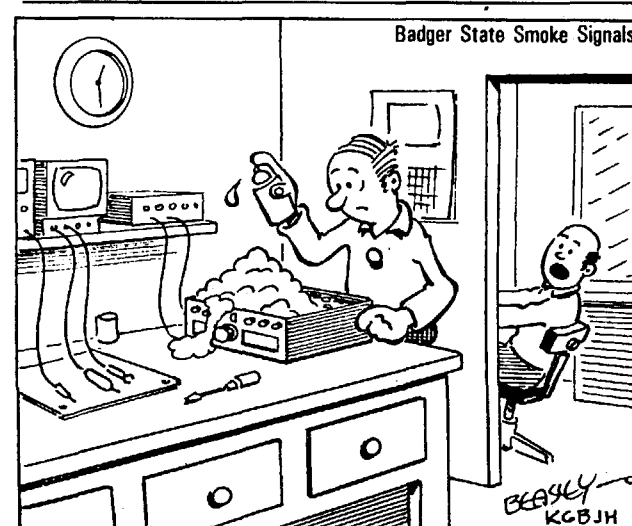
### How to comment on RM 9150

Amateurs wishing to comment on the ARRL Petition for Rulemaking (RM 9150) asking the FCC to improve how it addresses serious Amateur Radio rules violations apparently will have to do so the old-fashioned way--written copies. The FCC has made no provision to receive electronic comments on RM 9150. The petition, filed in late March, calls on the FCC to "create a streamlined, privatized enforcement process" to handle and adjudicate serious Amateur Service rules violations, including malicious interference. Thanks to Pacific Division Webmaster Paul Wesling, KM6LH, a complete electronic copy of the petition is available on the Web at <http://www.pdarrl.org/pdu/rm9150.html>.

Comments to the FCC should reference RM 9150. Send an original and four copies of comments by August 31, 1997, to Secretary, Federal Communications Com-

## On the Lighter Side

By Bob Beasley, K6BJH



mission, 1919 M St NW, Washington DC 20554. Reply comments are due by September 30, 1997.

- The ARRL Letter, 8/8/97 and 8/14/97

## NEW WEATHER RADIOS WITH "SAME"

By Skip Voros, WD9HAS, and Rick Swierczynski, N9TPY  
From: Aug. 1997 Milwaukee Area SKYWARN Association Newsletter

Now that the severe weather season is in full swing, and most Amateur Radio storm spotters have probably had some unwelcome and unexpected visitations from nearby lightning, high winds, hail, and flooding, you may be thinking that its time for an additional weather radio for the home, office, or personal use. The idea of a second weather radio is extremely appealing since the Sullivan NWS has been doing "live" broadcasts on selected severe weather events.

For the past 2-3 years this publication has been talking about a new type of weather radio that would be programmable using what is called Specific Area Message Encoding (SAME). Although industrial grade weather radios with SAME have been around for several years, they also featured industrial strength prices (up to \$500) and a variety of technical features that most ham operators could handle, but the average consumer would have great difficulty with.

Now, the Radio Shack Corporation has become one of the first to announce plans to manufacture a limited feature SAME weather radio for under 80 dollars. Distribution is tentatively set for after August 1997, with the model 120-0249 also set for display in their upcoming fall catalog.

Some of the new generation weather radios that have Specific Area Message Encoding (SAME) functions will allow users to receive NOAA Weather Radio products on an "event specific" and "county specific" basis versus having their alarm "go off" for all 1050 hertz alarms that apply to the entire coverage area of each transmitter (which may be a 40 mile radius and apply to 8-12 average sized counties).

From the mid 1970's thru the mid 1990's NOAA Weather Radio used only one alarm tone for all watches, warnings, and emergency announcements to activate receivers throughout the transmitters service area. Thus, everyone's radio was turned on for all tornado warnings, etc., in all the counties served by the monitored transmit-

ter -- even though the storm was miles away from your area, and moving away from your location.

With full function SAME weather radios the perception of being "over-warned" as noted by many weather radio users will be eliminated. Specific Area Message Encoding will allow weather radio users to program their new weather radios to 'alarm' only for the specific message (tornado, severe thunderstorm, flash flood, etc.) affecting only a specific area (county/parish).

Besides serving the general public, emergency managers, the media, industry, and others, SAME has been designated as the method by which most National Weather Service warnings and emergency information will enter the new Emergency Alert System (EAS) which became effective January 1st, 1997. SAME will allow warnings to interrupt cable and TV programming, including automated radio station formats, or activate a users external alarm device, and then at the end of the warning announcement automatically reset the users equipment to its previous configuration.

Using the EAS-SAME technology, Radio, TV, and Cable stations can now broadcast the audio and text of the weather warnings simultaneously (if desired) as it is being aired on the NOAA weather radio station. TV viewers will see the text at the top of their screens and hear the audio. Commercial radio station listeners would hear the audio, and the new weather radios equipped with SAME will also briefly state the message on their LCD displays.

Amateur operators involved with skywarn or emergency response activities should carefully evaluate the features and functions of these new radios once they hit the market since performance will vary with each manufacturer. At the request of the Milwaukee Area SKYWARN Association, Radio Shack has forwarded an advance product info sheet regarding this new programmable weather radio. Those features are listed on our B-B-S.

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Send this form, with your check or money order, to Jim Decker, WB9UQT, Treasurer, P.O. Box 337, Baraboo, WI 53913-0337. Please do NOT send cash!

SEPTEMBER 1997

## BSSS Club Subscription Plans and Rates

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(includes 1 no-charge flyer reproduction)

Hamfest Flyer reproduction only: \$45.00  
Two times: \$80.00  
Additional flyer reproductions: \$35.00

There is no additional charge for "Business Card" Swapfest advertisers for one hamfest/swapfest flyer inclusion. \$35.00 for each additional inclusion.

We will reduce a typical 8.5 x 11 inch hamfest/swapfest flyer to fit a 9 inch x 2 column space. The regular business advertiser rate for this ad would be \$73.80 for one time and \$138.60 for two times, resulting in a saving of \$28.80 for one time and \$44.20 for two times. The "business card" plus flyer commercial rate would be \$171.60, with a resultant saving to the hamfest/swapfest advertiser of \$81.60 for one flyer and \$111.40 for two flyer ads. **FLYERS MUST BE RECEIVED BY THE EDITOR AT LEAST EIGHT WEEKS PRIOR TO THE DATE OF THE EVENT.**

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# The Computer Corner

By Stan Kaplan, WB9RQR  
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WB9RQR @ N9PBY EN63BI WI USA NA  
SKAPLAN @ MCW.EDU

## No. 46: DOS's INTERNAL AND EXTERNAL COMMANDS

Windows, Windows, Windows. That's all we hear today. However, there are still plenty of us that still use good old DOS for a significant part of our day-to-day computing activity. For example, even though I am writing this using MS-Word in Windows 95, when I finish and back up the article to a floppy, I will exit Windows and use DOS to do it. For me, it is simpler, faster and safer to do it that way. And to repeat the statement I have made in previous articles, when you exit Windows 95 you are in DOS 7. Version 7 is the upgrade from DOS 6.22 on which Windows 95 depends. It is plain, old, vanilla DOS, though it has been improved over the previous version.

I thought it might be useful, for those who use DOS occasionally or more often, to review internal and external commands. Knowing the difference can give you insight into why, for example, you get the message "Bad command or filename" when you type a command that you thought was correct. This article will tell you why, and give you the background.

The file COMMAND.COM is a DOS program that supervises all interaction with you, the human user. It watches the keyboard to see if you typed anything, and if you do, it is the part of the operating system which tries to interpret and carry out your commands. But that is not all it does.

In the early days of computing, a very wise programmer who was designing COMMAND.COM decided that it would be a good thing to put some of the most important little programs like DIR and DEL and COPY directly inside COMMAND.COM, and that is where they are today. If you do a search, you won't find any little program lying around called DIR.COM or DEL.COM or COPY.COM, because the program code for these functions is contained right inside COMMAND.COM. Actually, there are quite a number of these little programs inside it. Here is a complete list with a very abbreviated description of what each does:

BREAK	Tells DOS how often to watch for Ctrl-C.
CALL	Calls one batch file from another.
CD	Change directory.
CHCP	Change or report on code page, for foreign characters.
CLS	Clear the screen.
COPY	Copy a file.
DATE	Change or display the date.
DEL	Delete a file.
DIR	Show a file directory.
ECHO	Controls the information DOS shows on the screen.
ERASE	Same as DEL.
EXIT	Close the COMMAND.COM session.
FOR	Looping command for batch files.
GOTO	Controls moves within batch files.
IF	Decision making step in batch files.
LOADHIGH	Load a program into upper memory.
MD	Make a subdirectory.
PATH	Change or display COMMAND.COM's search path.
PAUSE	Display the message: "Press any key to continue".
PROMPT	Change the command prompt.
RD	Remove a subdirectory.
REM	Labels a line in a batch command as a remark.
REN	Rename a file or group of files.
SET	Display or create environmental variables.
SHIFT	Moves the position of parameters in a user command.
TIME	Change or display the system time.
TRUENAME	Display a complete filespec for a file.
TYPE	Copy a file to the screen.
VER	Display the DOS version number.
VOL	Display the disk volume ID.

That's a lot of stuff! And that is why COMMAND.COM is a relatively big program, as DOS programs go (54,645 bytes for MS-DOS 6.22).

That means that if you had a computer with only the operating system on the hard drive (just the two hidden files IO.SYS, MSDOS.SYS and COMMAND.COM), if you typed DIR at the command prompt, COMMAND.COM would display a directory on your screen. That's because the programming code that displays the directory is located right in COMMAND.COM itself. DIR is called an internal command for that reason.

All other DOS commands use separate programs, such as the commands CHKDSK, DISKCOPY, FORMAT, MEM and SYS, and these are called external commands since they are not inside COMMAND.COM. If you look in the DOS directory on your hard drive, you will find the programs CHKDSK.EXE, DISKCOPY.COM, FORMAT.COM, MEM.EXE and SYS.COM, among the others found there. In the hypothetical computer mentioned previously with only the three operating system files on it, if you typed MEM, COMMAND.COM would look inside itself first, and then on the hard drive, for a file named MEM with the extension EXE, COM or BAT. Having found no such program, COMMAND.COM would send you the old familiar message "Bad command or filename".

That is why the PATH command is so important. The PATH command tells COMMAND.COM where to look for files, after it looks inside its own "belly" and does not find the command there. Without the PATH statement in your AUTOEXEC.BAT to tell COMMAND.COM where to search, COMMAND.COM will not look in the appropriate subdirectories to find the program you want to run. PATH is a road map for COMMAND.COM.

Had the programmers who devised DOS been more creative and sensitive to the way that humans think, the "Bad command or filename" message might have looked like this: "I can't find the program you want to run; perhaps you typed its name incorrectly". That would have made a lot more sense to most of us. Happy computing!

Reprinted, by permission, from the ORC Newsletter, Ozaukee Radio Club, 101 E. Clay Street, Saukville, Wisconsin 53080-1903 (Skip Douglas, KA9DDN, Editor). □

# One less Little LEO

The Little LEO industry that has been seeking access to spectrum below 1 GHz, including amateur bands, is about to have one less player. On July 14, CTA Incorporated of Rockville, Maryland, and Orbital Sciences Corporation of Dulles, Virginia, announced an agreement for Orbital to purchase CTA's satellite manufacturing and communications service business units. The deal is expected to close in August.

Orbital is already in a joint venture with Teleglobe to provide Little LEO services through Orbital Communications Corp. (ORBCOMM). ORBCOMM's system is already licensed and is operational on a limited basis. Uplinks are 2400 bps FSK in the 148-149.9 MHz band and user downlinks are 4800 bps FSK in the 137-138 MHz band, with beaconing in the 400-401 MHz band. In its press release announcing the acquisition, Orbital said that a CTA service it had purchased, called GEMtrak, may be expanded to use the ORBCOMM network in the future. GEMtrak is a system for tracking truck trailers and rail cars and their cargoes.

ARRL Executive Vice President David Sumner, K1ZZ, noted that the combining of CTA's satellite business with ORBCOMM's will reduce by one the number of companies seeking Little LEO licenses. "CTA was one of the companies that sponsored the ill-conceived and controversial 'flexible allocation' proposal that we had to oppose earlier this year," he said. "ORBCOMM did not endorse the flexible allocation concept."

The Little LEO issue is on the agenda for the World Radiocommunication Conference (WRC-97) to be held this fall. ARRL Technical Relations Manager Paul Rinaldo, W4RI, is a member of the US delegation. The US is now finalizing its proposals for the conference. At this point, no US Little LEO proposal for WRC-97 would affect ham radio.

- The ARRL Letter, 8/8/97

## FCC SEQUENTIAL CALLSIGN UPDATE

The following is a list of FCC sequentially assigned call signs issued as of August 5, 1997.

District	Group A Am Extra	Group B Advanced	Group C Tech/Gen	Group D Novice
0	AB0GA	KI0JM	++	KC0BTZ
1	AA1SO	KE1IF	N1ZQF	KB1CET
2	AB2EB	KG2MD	++	KC2CGN
3	AA3QA	KF3AF	N3ZUB	KB3BUN
4	AF4EN	KU4JD	++	KF4TOA
5	AC5NN	KM5LF	++	KD5BYY
6	AD6CP	KQ6QW	++	KF6NCP
7	AB7WE	KK7JF	++	KC7YYH
8	AB8AZ	KI8DJ	++	KC8IIB
9	AA9US	KG9KZ	++	KB9RGM
N Mariana Is	NH0B	AH0AY	KH0GT	WH0ABI
Guam	++	AH2DD	KH2SA	WH2ANT
Hawaii	AH7V	AH6PC	KH7FV	WH6DEF
Amer Samoa	AH8O	AH8AH	KH8DK	WH8ABF
Alaska	AL0F	AL7QU	KL0KC	WL7CUK
Virgin Is	++	KP2CL	NP2JR	WP2AII
Puerto Rico	NP3M	KP3BC	NP3PY	WP4NNK

++ All call signs in this group have been issued in this district.

- The ARRL Letter, 8/8/97

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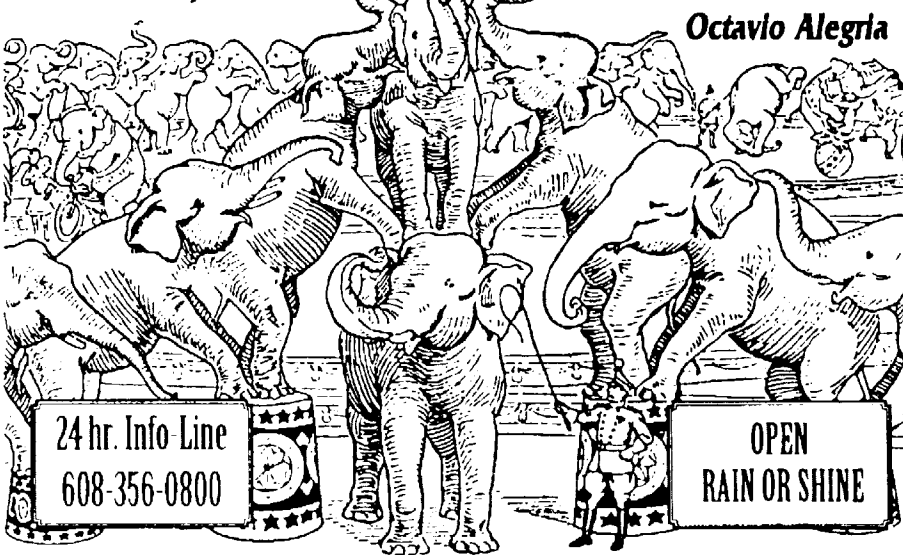


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# Wisconsin Amateur Internet Addresses

CALL	NAME	CITY	E-MAIL/URL
KG9AD	Gary Luthardt	Marinette	drwho@cybrzn.com
W0AIH	Paul Bittner	Eau Claire	w0aih@eau.net
KC2AK	Stas Wnukowski	Madison	Staskc2ak@aol.com
WA9AKV	Dick Schank	New Berlin	drs@mail.gmtcom.com
KG9AL	Mike Jesse	Shawano	kg9al@wi.frontiercomm.net
AF9B	Bill Fletcher	Madison	bfletche@mail.state.wi.us
AA9BB	Jim Wiskow	Arcadia	jcwiskow@win.bright.net
N9BGH	Steve Bukosky	Waukesha	sbukosky@execpc.com
			ourworld.compuserve.com/homepages/sbukosky/
AA9BJ	Tom Hetzel	Sheboygan	aa9bj@excel.net
KA9BLI	Jacob Derenne	Luxemburg	ka9bli@.itol.com
KG9BO	Josh Housey	Sheboygan	lhousey@excel.net
K8BP	Clarke W. Cooper	Two Rivers	k8bp@juno.com
N9BQM	Joel Papke	Pittsville	n9bqm@juno.com
WA9BQW	Jule Kish	La Crosse	wa9bqw@juno.com
KB9BYP	Jeff Schmeichel	Appleton	kb9byp@execpc.com
N9CK	Steven J. Franzen	Madison	N9CK@inxpress.net
N9CLG	Ed Pliner	Pittsville	n9clg@aol.com
KF9CS	Mark Heimmermann (WAR Secretary)	Appleton	kf9cs@execpc.com
			www.execpc.com/~kf9cs
KG8CX	Ed Engelman	Menominee, MI	KG8CX@webtv.net
KA9D	William G. Menzel	Wisconsin Rapids	menzelw@wctc.net
			www.wctc.net/~menzelw
KB9DAC	Kevin King	Shawano	kb9dac@juno.com
N9DJY	Judy Papke	Pittsville	n9djy@juno.com
N9DMS	Dave Schaeffer	Madison	n9dms@globaldialog.com
N9DXZ	Dave Asplin	Marshfield	asplind@gabby.mfldclin.edu
K9EF	Woody Minar	St. Croix Falls	WISBRED@aol.com
W9EH	Bob Burgermeister (ex WB9IUY)	Kenosha	burgerb@execpc.com
N9EIL	Debra Kroll	Wisconsin Rapids	n9eil@tzn.net
KB9ENO	Bill Niemuth (WAR Vice Chair.)	Hortonville	bn Niemuth@execpc.com
KA9EOX	Jack Tinsman	Shawano	ka9eox@juno.com
KB9EQI	Karl E. Simonson (VE Adams Co. ARC)	Necedah	kb9eqi@iname.com
NX9F	Jim Ley	Menomonie	ley@uwstout.edu
K9FA	Dick Lemme (ex KB9FA)	Oshkosh	lemme@vbe.com
KE4FE	Gary Day	Rib Lake	ke4fe@newnorth.net
K9FHI	Roy Pedersen (Section Mgr. ARRL)	Juneau	k9fhi@tcccom.net
KA9FOX	Scott Neader	Onalaska	neader@centuryinter.net
			www.QTH.com/ka9fox
N0GAF	M. L. "Pete" Deets	Madison	15pd@madison-business.com
W2GC	Jim Cronn	Two Rivers	cronnjwc@cftnet.com
KA9GCW	Jim Kline	Ogema	jkline@centuryinter.net
K9GDF	Rich Regent	Milwaukee	RREGEN@ci.mil.wi.us
KG9GH	Eric Janssen	Marinette	kgninegh@mrnet.com
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N9GQK	Harry W. Goodwin	Green Bay	n9gqk@dct.com
K9GS	Gary Schwartz Greater Milw DX Assn	Mukwonago	garyk9gs@solaria.sol.net
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KB9HAM	Don Parkinson	Racine	deprknsn@execpc.com
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W9M	Gary Sharbuno (Badger Examiners)	Brown Deer	w9m@execpc.com
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KE9MA	Gene Kroll	Wisconsin Rapids	ke9ma@tzn.net
WB9MFC	Marilyn Lassanske	Wautoma	wb9mfc@wirural.net
N0MKJ	Bill Rupp (Milw. Foxhunt Club)	Franklin	wrupp@execpc.com
			www.execpc.com/~wrupp

# 146.88/Baraboo: It's back, and it's on new WOLX Tower

By Gari Berliot, NG9V

On August 20, 1997, the Central Wisconsin Repeater Association work crew got the antenna mounted on the brand-new WOLX (Oldies 94.9) tower, and the feedline run into the building. Radio Engineer Paul Belton, WA9CDY, showed up about 3 p.m. and there they were, antennas and feedlines installed. Paul helped finish the feedline and got the repeater hitched up to the new antenna.

This evening (August 21) he was back up there and tweaked the receiver pre-amp, and is happy with that now. The links are working as well.

Some of the particulars are:

1. The antenna is new and is at 500'
2. There is new 7/8" feedline from the radio to the antenna.
3. The links (Madison - East and Vilas Hall) are up and running.

It's been awhile since New Years Eve, when the old tower came crashing down. Thanks to everyone for all of their patience, renewals, donations, and good wishes. Finally, it's up, and even before the labor day weekend. Happiness is!

Since the last update, several additional donations have been received by CWRA. We acknowledge these folks and their generosity. They are:

N9LXR  
N9USR  
Central Wisconsin Radio Amateurs, Ltd.  
Daniel Payne  
Steven Sedlak  
Kevin Drissell

Thanks again, and enjoy the repeater, Technically, you should have the same coverage you had before the tower went down. Your notes and comments are welcome. Our address is P.O. Box 802, Madison WI 53701.

*BSSS congratulates CWRA on recovering from an event from which it appeared there could be none. And BSSS commends all of the clubs and individuals who helped the repeater club recover from a \$5000.00+ disaster. Working together for the common good, you all helped to restore one of the most important repeaters in Wisconsin. There are still a lot of good people out there, no matter how cynical we may get about our society at times. The good folks just help in their own quiet ways and never brag a word. Pretty darn nice, I'd say!*

- K9ZZ

The members of the Yellow Thunder Amateur Radio Club thank all of the vendors, sponsors, and participants for making the club's very first swapfest the success it was. We'll be doing it again on

Saturday, August 8, 1998.



"S2XT REPORTING FROM LANDING SITE - NO SIGN OF ALIEN BEINGS - THEY MUST STILL BE INSIDE THEIR VEHICLE."



K9MLD Joel Eschmann  
AA9MP Al Lapinski  
AA9MT Glenn De Baker  
AA9NM Bob Pratt  
W9NNS Rev. Bill Jablonske  
KB9NNV Nathan A. Luthardt

N9NOF Keith Summers  
N9NTB Mack Brophy  
N9OEQ Chuck Hanson  
KB9OFK Mark Cassellius  
K9OGT John Klein, Jr.  
N9OIG Kevin Drissel  
KB9OKM Jason Matthias  
K9OQO Jim Sheetz (WAR Treasurer)  
W9OVO Clayton Cardy  
N9PBA Keith Belongia  
KB9PCW Austin Kyser  
W9PHF Ray Greisinger  
N9PHS Wes Jones  
WA9POV Dave Knaus

N9PQN Marylynn Franzen  
N9PQU Jeff Rymer  
K9PT Dean Andrewjeski (ex AD9W)  
W9PVD Gordon Lauder  
WB9QBA George Gruetzmacher  
KA9QFJ William H. Hommel, III  
KB9QQE Jeff Kane

WB9RBP Jim Staatz (ARES/SKYWARN)  
AA9RK Mike Falk

N9ROY Rick Plouffe  
WB9RQR Stanley Kaplan (OZARES EC)  
N9RSU Leroy A. Dick, Sr.  
K9RTB Bob Klein  
WB9SBD Joe Mayenschein  
WA9SFH Jerry Thompson  
AA9TB Mariann Littell  
N9TNW Bill Vincent  
N9TPY Richard Swierczynski (Skywarn)  
WB9TYT Dan Bolander (WAR Freq. Coord.)  
NE9U Scott Jasper  
N9UBQ Roland Sacho  
N9UDO Steve Schulze

W9UGT Bill Aspinwall  
N9UNR Dave Barrow  
N9UPU Joe Tenor

K9UTQ Gene Santoski  
N9UXG Sue Wiskow  
K9VSO Jim Breszee  
N9VST Mac Funkhouser  
AA9W Ed Rate  
WB9WBN Gerald Werner  
N9WBR Jeff Ramlow  
KB9WC Jack Bremer  
K9WD Steve Schwoegler  
K9WI John Kaiser  
KA9WXN Dave Schank  
WS9X Ronald Schaden (Mancorad Club)  
W9YCV Lester Peterson  
N9YJJ Bruce Schaffer  
N9YLS Lee Housey  
W9YOA Jack Klein  
WB9YSD Steve Polishinski  
WA9YVE John Givens  
N9ZET Fred Diedrick  
N9ZLU Jim Bailey  
K9ZUM Mike Grady  
K9ZZ Jim Romelfanger

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Near Space Sciences  
Ozaukee Radio Club  
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www.execpc.com/~wa9pov/warac.html  
Wisconsin Association of Repeaters

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www.thelorax.com/~sschulze

Updated 08/13/97  
Complete listing

Note that e-mail addresses and Web URLs may be case sensitive.

Send additions and changes to wa9pov@execpc.com.

This list is also available at www.execpc.com/~wa9pov/bsslist.html.

Compiled by Dave Knaus, WA9POV

## 1x1 call sign rules

New FCC rules to obtain one-by-one call signs for special events have been implemented, and four coordinators have been authorized to handle call sign requests. The first special event call sign, W3W, was coordinated August 20 at the request of the Scranton Pocono Amateur Radio Klub (SPARK) of Scranton, Pennsylvania. W3W will be activated October 11-12, 1997, during the Steamtown Marathon.

On August 18, the FCC authorized the ARRL, The W5YI Group Inc of Arlington, Texas, the Western Carolina Amateur Radio Society/VEC Inc of Knoxville, Tennessee, and the Laurel Amateur Radio Club Inc of Laurel, Maryland to "coordinate, maintain and disseminate a common database of amateur station special event call signs." The National Conference of Volunteer Examiner Coordinators (NCVEC) maintains a shared database so that both requesters and coordinators will know which call signs are available at any given time.

The FCC says that special event 1x1 call signs are authorized for use "in conjunction with an event of special significance." This suggests an event with high public visibility, as opposed to a routine ham radio contest or other operating event. However, a special event call sign could be used in conjunction with a contest if one were to occur within the call sign reservation period.

The four special event call sign coordinators have the authority to determine if a request is in keeping with the intent of the special event call sign system. Any licensed amateur may request a special event call sign. Call signs may be requested up to one year in advance of their use on the air. Call signs normally will be granted for periods of 15 days or less. Because of the limited number of call signs available, requesters are encouraged to limit their requests to the duration of the special event.

A block of 750 call signs is available for use in the special event call sign system. The format of each 1x1 call sign consists of a single letter K, N or W prefix followed by a single numeral, 0 through 9, followed by any single letter except the letter X, which is not available to amateur stations.

For more information on the special event call sign system, call 860-594-0300 or e-mail vec@arri.org. You also can contact any of the other special event call sign coordinators.

ARRL bulletin 43, 8/20/97



OUR WANT ADS GET RESULTS

**FOR SALE:** for the best reasonable offer by October 1, 1997. Kenwood TR-9130 all-mode 2-meter transceiver with mobile bracket and manual. Heathkit HM-102 SWR and wattmeter, with manual. Channel Master rotor and control box. All in good condition, first two items near mint. Erwin Peters, W9DOW, 600 Sharon Road, Sharon WI 53585. (414) 736-2022.

**FOR SALE:** Kenwood TS-850S/AT. Accessories include internal automatic antenna tuner, stock hand mike, 500 Hz CW filters in both IFs (YK-88C-1 and YG-455C-1), 1.8 kHz SSB filter (YK-88SN-1), W1GEE LCU-K serial interface (replaces IF-232C from Kenwood - permits radio interaction with PC logging programs, etc.), TS-mouse radio control software (DOS, works with Win 3.x, 95). Owned and operated by non-smoker. Never mobile. \$1300. Will ship or deliver. Mike Pagel, K9UW (formerly KA9LAQ), 10408 Otto Road, Amherst WI 54406. pagel@wi-net.com (715) 824-5321.

**AUTEK KEYER MANUAL WANTED:** I need a manual and/or schematic for an Auttek MK-1 memory key. I will gladly reimburse any photocopying and postage costs. John, WB9TQG, 21 Hastings Circle, Madison WI 53711. ☐

## PortaPole?

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Continued from front page

ion is available from Scott Frakes, KB9PRG, at (414) 353-0941.

A telephone call from the BSSS editor to Mayor John Norquist's office and subsequent discussion with a media spokesman in the mayor's office produced a verbal statement that the new law was never intended to apply to amateur towers and does not apply to amateur towers. Apparently this indicates that, although the written exemption is not in the new law, as it was in previous laws, it is still and will supposedly remain in effect after November 1, 1997.

Rick Kissell, WB9GYT, asks that amateurs do the following exactly as requested, and to do it at once:

(1) If you live in the CITY OF MILWAUKEE, please send a polite note (even a postcard) to Mayor John Norquist, City Hall, 200 East Wells Street, Milwaukee, WI 53202-3569. The note should ask Mayor Norquist to return the Transmission Tower Ordinance to the Common Council for further consideration so that the Amateur Radio community can have an opportunity to be heard. City of Milwaukee residents with FAX capability may FAX their note to the mayor's office at 286-3191. Be sure to include your city street address.

(2) If you do NOT live in the City of Milwaukee, you are asked to call the Milwaukee Radio Amateurs' Club hotline (466-HAMS) to offer your services. The MRAC will be getting out a mailing to all City of Milwaukee hams by first-class mail, urging them to contact Mayor Norquist, and hams living outside the city can help in that work.

Please remember to NOT contact Mayor Norquist if you do not live in the City of Milwaukee. If you do contact him, please be polite and brief. Ask only that the ordinance be returned to the Common Council for further consideration.

A copy of the bill can be obtained from the Legislative Reference Bureau, City Hall, 200 E. Wells Street, Milwaukee, WI 53202. Ask for file number 970241.

#### Analysis of the Bill: by Scott Frakes, KB9PRG

(The ordinance is quite lengthy and technical. This summary is basically what the bill says regarding towers in residential areas and the impact it will have on Amateur Radio operators.)

On July 25, 1997, the City of Milwaukee Common Council approved a substitute ordinance that changes much of the previous ordinances in the city in regard to transmitter towers. This ordinance, sponsored by Alderman D'Amato, allows for a tower to be a permitted use if the height of the tower, which includes any antennas or attachments above the tower, is not higher than your zoning district height limit. The height limit in residential areas is generally 40 feet. If your tower, with antenna, is below 40 feet, this is a permitted use and a building permit for an accessory structure would only be needed.

However, towers over the zoned height limit, provided they do not exceed two times the district height, would be special uses. Towers that would be special uses would require the owner of the tower to submit, to the department and to the Board of Zoning Appeals, plan and other permit application material which demonstrate that the facility will comply with the requirements of paragraph c, will serve the public convenience of residents of the city and will be consistent with other paragraphs. If the tower should exceed two times the district height limit, it would require a variance.

Some of the requirements for a special use permit are that the tower, if freestanding, have at least a setback from any property that contains one or more dwelling units of at least 25% of the height of the tower from the property lines of such abutting property. Also, if the tower is located within 1000 feet of any dwelling unit, the tower owner shall take whatever steps the board finds necessary to protect such dwelling units and structures from undesirable impacts of the tower. This may include landscaping, provision of informational materials about the construction and operation of the tower, and scheduling of informational meetings with owners and residents of abutting properties to discuss the tower proposal. The fee for a hearing before the Zoning Board of Appeals is set at \$300.00 for towers.

In addition, towers mounted on buildings (example, a home) or other structure, would be permitted if they are less than 20 feet in height, or 25% of the height of the building or structure, whichever is less. The definition of a "tower" as provided in this ordinance could include a tripod. So, this ordinance may even restrict tripods on rooftops, with masts and antennas. It's not uncommon for someone to have a 5 or 10-foot tripod, with a 10 to 15-foot mast, with a 10 to 25-foot antenna attached to the mast.

It should be noted that Amateur Radio towers and/or antennas are not exempt in writing from this ordinance as they were in the past. Also, existing towers could be exempt from this ordinance and

would be deemed "legally non-conforming".

Anyone with an interest in Amateur Radio, whether or not they have or intend to erect one, should be concerned about this ordinance. It is to take effect November 1, 1997. All City of Milwaukee amateurs are urged to write to their Alderperson and to Alderperson D'Amato. I feel that if enough people write about this to their legislators, that the Amateur Radio exemption may be restored. I don't believe the Zoning Committee was aware of the Amateur Radio operators' needs, and the service they provide to the community. It is clear in this case, as they were confusing CB operators with Amateur Radio in their testimony.

response to concerns over commercial transmission towers, specifically cellular phone, personal communications systems, and High Definition TV. This has nothing to do with Amateur Radio or even someone wanting to put up a receiving antenna.

So, please write to your Alderman and to Alderman D'Amato. Perhaps some of the (Milwaukee) clubs could get together and form a panel to go before the Zoning Committee to testify and represent the Amateur Radio community. It's up to Amateur Radio operators to get as many people to take action on this, or there will be little chance of getting the ordinance changed.

- Rick Kissell, WB9GYT,  
and Scott Frakes, KB9PRG

## Four Lakes Amateur Radio Club brings home the bacon in '97 WQP



The Four Lakes Amateur Radio Club of Madison won top club honors in the 1997 Wisconsin QSO Party's Club Competition. FLARC's club aggregate score was 336,985, followed closely by the Kettle Moraine Radio Amateurs with 328,899. FLARC fielded a total of 33 entries, with the top score for FLARC members being tallied by N9CK. In the photo, Lynn Tamblyn, K9KR, of the WQP Committee (second from left) presenting the plaque to Steve Franzen, N9CK (second from right, who represented FLARC. Others in the photo, left to right, are Dave, N9DMS, seated center, Paul, WA9PWP, left, and MaryLynn Franzen, N9PQN. The presentation was made at the South Milwaukee Swapfest.

- Photo courtesy Les Peterson, W9YCV

## CIA to mark 50th year with special event station

During the month of September, NN50CIA will be operating to celebrate the 50th anniversary of the Central Intelligence Agency. Suggested frequencies are 50 KHz above the bottom portions of the CW bands (such as 14250, 21350, etc.), and frequencies ending in "50" on SSB. Activity should be most of September, with most being the week of September 15. QSL via KB4BFP.

- Woody Minar, K9EF



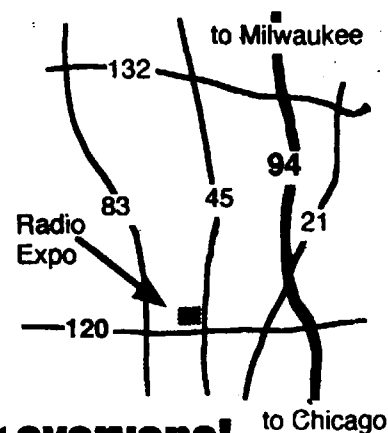
The Chicago FM Club presents

# RADIO EXPO 97

SEPTEMBER  
27th & 28th

Grounds Open from  
Thursday at noon  
Buildings open  
Sat 8 AM to 4 PM  
Sun 8 AM to 3 PM

LAKE COUNTY  
FAIRGROUNDS  
RTS. 45 & 120  
GRAYSLAKE IL



## Radios - Computers - Electronics for everyone!

Newest amateur equipment from major manufacturers  
Computer hardware and software by leading distributors  
5 large buildings (over 60,000 sq ft) of indoor exhibits  
Hundreds of outdoor flea market sellers filling the fairgrounds  
Advanced tickets \$5.00 - At the Gate \$6.00 - Good both days - Kids under 12 free  
FREE PARKING - Outdoor electrical hookups available - FREE CAMPING  
VEC testing both days  
Interesting forums presented both days  
Talk-In on the CFMC repeater 146.16/76 MHz (107.2 Hz PL)  
Ladies program - Arts and crafts  
Questions ??? Call Radio Expo (708) 457-0966

- - -Cut Here- - - - - Cut Here - - - - - Cut Here - - - - - -Cut Here- -

Name \_\_\_\_\_ Call \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_

Table Reservations for all buildings - \$20.00 per table (8ft long) - good both days \_\_\_\_\_ x \$20.00 = \_\_\_\_\_  
Building assignment at discretion of CFMC / No table reservations accepted after Sept. 13, 1997

Advanced sale tickets - \$5.00 - REQUIRED with tables - good both days \_\_\_\_\_ x \$5.00 = \_\_\_\_\_

Electric - inside - \$10.00 both days \_\_\_\_\_ = \_\_\_\_\_

Outside electric - \$10.00 good for entire event \_\_\_\_\_ = \_\_\_\_\_

Total ..... = \_\_\_\_\_

Make check out to: CHICAGO FM CLUB & send to: PO Box 56724 Harwood Hts IL 60656-0724  
Remember to send a Self-addressed stamped envelope with your request.

## KWAD-KITZ

### FEATURING

- ✱ 2-element 6-meter Yagi
- ✱ 5-element 2-meter quad

YOUR VHF/UHF ANTENNA NEEDS

NEW! N4UAU's Super CW Station -  
Assembled

FOR INFO, CALL 1-414-208-1110  
E-MAIL: thetzel@excel.net

# PARTICIPATING CLUBS AND ORGANIZATIONS

## Wisconsin Valley Radio Association

Kim Kunze, N9SDL, Secretary

P.O. Box 363 • Wausau, WI 54402

**Six Meter Repeater: 51.19 Input/52.89 Output**

### MEETING MINUTES August 5th, 1997

The meeting was called to order by Jim, N9SDI. Members present were N9SDL, KB9DZG, KB9FRB, N9NRA, KB9PRP, W9NNS, WD9CPY, WB9LAI, N9LIA, KA9DQ, W9VHA, N9IAB, N9SDI, KA9PML, KB9MCZ, and Scott, KB9PIV was visiting. The minutes from last month's picnic meeting were read and approved by members and motion by N9NRA and 2nd by KB9DZG. Treasurer's report was approved after a motion by KB9DZG and 2nd by N9LIA.

The Gear Grinder Race will be held Sept. 7th. Looking for 15 to 20 hams for communications along the race courses. This will be held at the Nine Mile Recreation Area. Novice/Citizen Races start at 10:30 with Sport/Expert Races starting at 11:30. Races will finish about 12:30 and 2:30 respectively. Scott, N9NQQ, will be control over for the communications.

Thanks for past events: Field Day brought 20 hams out. To Jack, N9LIA, for organizing the picnic and to Joe, K9LWL, for the tour of the repeater site and Channel 7 TV transmitter site. For those who helped at the Biathlon Race, KB9DZG, KB9FRB, N9IAB, KB9DED and N9SDI. For the communications presentations to the Girl Scouts by KB9DED and N9SDI.

We briefly discussed the potential that an Internet gateway located in the Wausau area could have for hams. The ability to

send and receive E-mail over the Internet is an obvious function but making DX keyboard to keyboard contacts is one that you might not be aware of.

Ham classes (No-Code Tech) should be underway by the time you read this at NTC Room F207, Monday evenings 6:30 - 9:00. A motion was made by WB9LAI and 2nd by KA9DQ to order 20 books, *Now You're Talking* from the ARRL for the upcoming classes and was approved by members present. We will be looking for VEs for a testing session at the end of the 12 weeks of classes sometime around the 1st or 8th of December depending on what the class decides for Thanksgiving week. We need VEs so that we can offer tests for all classes of license.

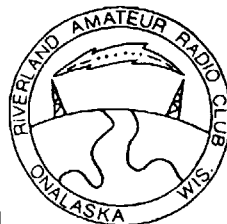
Upcoming meeting programs include Amateur TV in September and the Club Auction in October.

The meeting was adjourned after a motion from N9NRA and 2nd from N9LIA.

N9SDI provided the program after the meeting demonstrating two different satellite tracking software packages offered as freeware on the Internet. One was STSPLUS by David H. Ransom and the second was WINORBIT by C.D. Gregory. It was a taste of what some of the capabilities these programs offer.

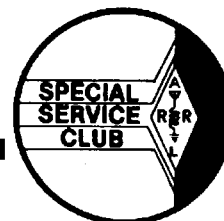
*Respectfully submitted:  
Kim Kunze, N9SDL*

## Riverland Amateur Radio Club



Dan Abts, N9PZC  
Secretary

Club mail address: P. O. Box 621  
Onalaska WI 54650



<http://www.lse.fullfeed.com/~rarc/counties.html>

### MEETING MINUTES August 5, 1997

The August meeting of the Riverland Amateur Radio Club was called to order at 7:03 pm on August 5, 1997 by President Duane, W9HWQ. There were 23 members in attendance.

The minutes of the July meeting were accepted with a few minor corrections after being read by Dan, N9PZC.

Roger, KA9BKK, gave the treasurer's report. We have 73 members. The report was accepted as read.

**Programs:** The program for the August meeting was a video tape on spark gap equipment from the ARRL.

**444.475 Repeater:** We are still waiting for an estimate on repair costs.

**Net Manager:** Pete, N9XVG, reported that the Sunday Night Net has been held regularly with 18 to 25 check-ins.

**ARES/Skywarn:** Tom, WB9BJQ, had nothing new to report.

**Property Manager:** Bob, N9LZK, had some extra keys made.

**Chicken Q:** Bob, N9LZK, reported that each club member would receive 10 tickets in the mail within the next few

days. The dinner consists of a half chicken, potato salad, baked beans, and a dinner roll.

**146.97 Repeater:** Walt, AA9AW, said the repeater is still working. He read a preliminary report from Red, WO0W, on the lightning susceptibility of the repeater.

**VE:** Roger, KA9BKK, will be taking over. Tests are scheduled for September 27 and November 22. They will run from 7:00 p.m. to 9:00 p.m. at the Onalaska Community Center 515 Quincy Street.

### Old Business

None.

### New Business

None.

A motion was made at 7:48 p.m. by Bob, N9LZK, to adjourn the meeting. The motion was seconded by Tom, WB9BJQ, and passed.

*Respectfully submitted  
by Dan N9PZC*

## Wisconsin Nets Association Ltd.

Art Evans, KA9KLZ, Acting Secretary  
213 N. Jefferson • Cuba City WI 53807-1558

## WISCONSIN NETS

Net	WNA	Freq.	UTC	CDT	Mgr.
BWN	Yes	3985	1100	0600	W9AYK
BEN	Yes	3985	1700	1200	KE9VU
WSBN	Yes	3985	2230	1730	K9UTQ
WNN	Yes	3723	2300	1800	N9MXW
WSSN	Yes	3645	2330	1830	N9BDL
WIN/E	Yes	3662	0000	1900	WB9ICH
WIN/L	Yes	3662	0300	2200	W9UW
NWTN	Yes	34/94	2330	1830	NS9Q
(Rhinelander area)					
RCRA	No	01/61 (Mondays CST)	2330 (Menomonie Area)	1830	KA9OMC
Gr. Bay	No	72/12	0145 (Green Bay Area)	2045	WB9NRK
ARES	No	4.65/5.25 (South East/South Central Wisconsin)	0100	2000	
RACES	No	3993.5	1300 (LSB Sunday)	0800	WA9OAY

### Wisconsin NTS Traffic Report July 1997

Check-ins were up a little and traffic was down a little in July. With seven of the eight nets reporting, 2995 station passed 1970 messages in 5452 minutes. BWN-1677, BEN/97, WSBN/no report, WNN-15, WSSN/20, WIN/E/85, WIN/L/50 and NWTN/26.

Ten stations reported traffic totals in excess of 100, four of whom made Brass Pounders League. The stations are: W9RCW/1164 (BPL), K9JPS/853 (BPL), WB9JWS/769 (BPL), W9IHW/529 (BPL), K9FHI/235, W9CBE/209, N9BDL/112, N9KHD/112, AG9G/107 and W9YCV/104.

Twenty-four stations submitted Station Activity reports and twelve stations submitted Public Service Honor Roll reports. The WNA picnic will be held on August 24, near Wisconsin Rapids. Make your plans to attend.

I mail my reports to League Headquar-

ters on the 7th of the month. That makes the deadline for reports the 6th. I can accept reports until I start printing them up for mailing. If you can catch me on the BWN on the morning of the 7th all would be well.

Hale Blakely, W9CBE, Asst. STM will also accept reports and forward them to me. Hale covers most of the CW and SSB nets so there is someone on almost every net to take reports.

Reports can also be sent VIA packet or e-mail.

My packet address is:  
KA9KLZ @ KC9KQ.WI.USA.NOAM  
My e-mail address is:  
aevans@mhtc.net

Thanks to all stations who participate in the Wisconsin nets. You are the nets and Wisconsin nets are the best. 73

*Submitted by:  
Arthur A. Evans, KA9KLZ  
Wisconsin Section Traffic Manager  
August 7, 1997*

## The Racine Megacycle Club



Club Station W9UDU • Racine, WI  
ARRL Affiliated

Providing Communications for American Red Cross and ARES

Mary Urban, N9ZWE, Secretary

c/o RMC • P. O. Box 3 • Racine, WI 53401-0003

### MEETING MINUTES AUGUST 11, 1997

The meeting was called to order at 7:35 PM by President Rob Madson KF9ZT, with everyone in attendance identifying themselves. Those in attendance were:

Rob	KF9ZT, President
Dave	AA9HL, Treasurer
Lee	N9VNU, Activities
Mary	N9ZWE, Secretary
Dan	KA9OIL
Cheryl	WS9P
Paul	N9RGW
Spencer	W9LDH
Bill	W9OVZ
Bruce	KB9QZR
Chuck	KB9JIH
Alan	N9ZWI
Dick	N9EWD
Jonathan	KB9PUF
Raymond	K9RI
Don	KB9HAM
Arne	KA9ZPY
Matt	KA9HHU
Robin	KB9RCH
Harold	KB9LXM
Ken	N9NBC

The first item on the agenda was brought up by President Rob, KF9ZT. He is in the process of getting the paperwork done so that the club can get a 501C3 tax status. This will allow people to make donations to the club and write it off 100%. This will also be an asset with handling our building fund and as our building plans progress. In the process of

doing this, he has also set up an emergency operation plan for the club. This includes a list of individuals who can contact us for help, and what we do when we are called. It will be distributed when all the plans are finalized. This is required by the IRS. It is also necessary to submit a copy of the Constitution and Bylaws. He noted that the club had not been abiding by Article I of the Constitution which relates to accepting new members.

At this time an election was held for two new members, Jim, N9QOJ, and Bruce, KB9QZR. They were accepted as new members.

Paul, N9RGW questioned why anyone would not be accepted.

While Rob KF9ZT was checking on further information regarding electing new members, Treasurer Dave, AA9HL, gave his financial report. Arne, KA9ZPY, suggested we look into investing our funds where we can receive higher rates of interest. Our 501C3 tax status must be acquired before we can do this without complications.

Secretary Mary, N9ZWE, gave an update on the club membership. We just beat the 1996 membership by 1. To date we have 66 members. She is still looking for Field Day logs through 1988, 1991, 1996 and 1997, any pictures and history.

She thanked Steve, K9ZL, for news clippings, an obituary for Olin Fox, and one of his personal postage stamps. Also, Pete, WA9KFL, for Chuck Bresette and Oscar Green obituaries, the list of Ra-

*Continued on page 11*



# The Racine Megacycle Club

Continued from page 10

cine/Kenosha area hams in 1966-67, and the Mir Space Bulletin. She passed around the list to find out if any of them were silent keys. There was an offer for a Buckmaster Code Practice available to everyone.

Robin, KB9RCH, turned an application for personal license plates over to the secretary. She also explained the process of receiving one. There is a \$10 service charge in addition to the yearly premium. This service charge is a one time payment. (BSSS editor's note: This is true for Amateur Radio plates, but it is *not* true for "personalized plates" - the so-called "vanity" plates. Vanity plates have a surcharge every year).

Dave, AA9HL, gave the details of Hamfest 1997. We got rained out after 9:00 AM. We doubled our income over last year even though we were rained out. In general, the vendors were pleased with their sales. KDL Computers, who was isolated in the basement, ended up very pleased with his location. He did extremely well and will return next year. Radio Shack, who sold nothing, is still planning on coming back. Arne, KA9ZPY, suggested filling the downstairs first. Plans are being made for next year's hamfest. Rob, KF9ZT, had a committee listing for next years hamfest, and these committee

members will be looking for help. Bob, W0WLN, had presented a good critique of the hamfest at the previous board meeting.

Dave, AA9HL, had some flyers from Vibraflex and the Peoria Superfest 97 which is September 20 and 21.

Two free tickets for the fest were in the GOODY BOX. Amateur Electronic Supply is offering a special incentive program for ham radio clubs. The club can receive purchasing power at their store when club members make purchases at their store. They will allow the club 1% of the invoice total the purchase. These funds can be accumulated for equipment purchases by the club. This offer begins September 1, 1997 and lasts 1 year. Members should turn in a copy of their invoice to the club Treasurer. If purchases are made by credit card, make sure the credit card number is blocked out on the receipt. There is no limit on the amount of purchase.

Dan, KA9OIL, discussed the estate of Bruce Zabler. He will have the computer equipment available in his garage for club members to purchase.

Lee, N9VNU, announced that the September meeting will be the 2nd Annual Show and Tell Meeting. Everyone is welcomed to bring in items to show.

Rob, KF9ZT, brought up an item of radio trivia. The question was whether it is legal to transmit from an HT through a Mobile Rig to the Repeater. According to the FCC it is not, unless the transmissions are ID'd at each point between each unit on both the send and receive transmissions. It is recommended that if you intend

to do this, you purchase an ID board for your radio. A discussion was held on the legality of different means of transmitting.

Arne, KA9ZPY, asked if there is any way for the club the notify its members when a fellow member is in need of help. Kathy, N9ZWN, is in charge of the Sunshine Club and will work with him to set up some sort of telephone system for this purpose.

The meeting was closed at 8:15 PM and turned over to Bill, W9OVZ, for his presentation on power supplies. He had several different types of power supplies

on display and discussed how they should be safely handled.

The "WINNER" of the GOODY BOX was Chuck KB9JIH.

The Fox Hunt schedule is Aug 15, Sept 12, Oct 10, Nov 7, Dec 5.

The next membership meeting will be September 8, at 7:30 PM, at the Red Cross Building.

December 8, 1980 - Lloyd, WB9RGO, received yesterday a letter confirming his appointment as Racine County Emergency Coordinator.

## Taylor County Area Amateur Radio Club

Tom Hrdina, N9GEN, President

2373 Willow Avenue • Medford WI 54451

### MEETING ANNOUNCEMENT

The next regular meeting will be held on Thursday, September 4th at 7 p.m. in the Emergency Government meeting room located in the basement of the sheriff's annex to the Taylor County Courthouse, corner of 2nd and Ogden Sts., Medford, WI. Talk-in on the 147.15 Medford repeater (+600 kHz) or 146.52 MHz simplex.

### MEETING PROGRAM

Following the September club meeting, the program will cover Units 1 and 2 of the textbook for the "Hazardous Materials: A Citizen's Orientation" course that is being taken by several members of the club and area hams. However, those who have NOT enrolled in the course are still welcome to sit in on the sessions. This will take approximately 30 minutes to complete. All tests are open book and are

Please turn to page 12

## Sheboygan County Amateur Radio Club

Continued from page 12

97. If you have not done so, please remember to send in your dues.

In coming events, there will be a September SCARC cookout at the Pines Club in Sheboygan on Tuesday. Please note that this is the Tuesday following the regular September meeting.

Art, K9XJ, discussed preparations for the Old Plank Road event coming up on September 13. The initial plan will be to have 3 mobile rigs set up along the course at Memorial Mall, Meadow Lark Rest Stop, and at the way side by Fleet Farm. If you think you can help with this event, please contact K9XJ.

The Flat Tube award was given to Josh, KG9BO, and Lee, N9YLS, for their outstanding efforts again this year during Field Day. Thanks for all your help.

After the break and snacks, Art, K9XJ, presented a discussion on current DX conditions, and DXpeditions.

### Net Schedules

7 PM Monday Nights, SCARC Fun Net, 147.06 PL 107.2, +.

Traders Net - Following the Monday night net on the first Monday of the month.

6:30 PM Thursday Nights, ARES Net, 147.255 PL 127.3, +, 444.175 PL 107.2 +.

We are happy to announce the return of the 10 net on 28.350 USB. This net has traditionally met at 7:30 PM, following the Monday night 2 meter net. The 10 meter net may be moving to another night and time. Tune into the Monday night 2 meter net for further announcements.

Respectfully submitted:  
Michael J. Musiel, KF9SJ

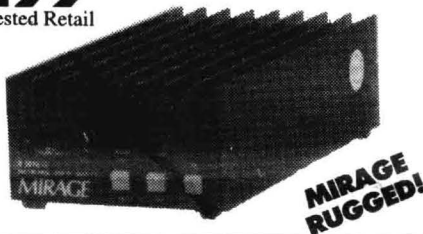
THANK YOU to all the volunteer writers, photographers, and cartoonists who contribute so much every month to B999. Without you, on whom we depend so much, B999 could not and would not exist. Your willing help does not go unnoticed and is deeply appreciated by our staff of three and by our many readers.

Jim Romelfanger, K9ZZ, Editor

# MIRAGE...160 Watts on 2 Meters!

Turn your mobile, base or handheld into 160 Watt powerhouses and talk further, longer, clearer... All modes: FM, SSB, CW... Superb GaAsFET preamp... Overdrive, high SWR, Over-temperature protection... Remote controllable...

B-5016-G  
\$299  
Suggested Retail



Power Curve -- typical B-5016-G output power								
Watts Out	130	135	140	145	150	155	160	165
Watts In	20	25	30	35	40	45	50	55

## 100 Watts for 2 Meter HTs

B-310-G  
\$199  
Suggested Retail



Power Curve -- typical B-310-G output power								
Watts Out	25	50	75	95	100	100+	100+	100+
Watts In	1/4	1/2	1	2	4	6	8	

- 100 Watts out with all handhelds up to 8 watts
- All modes: FM, SSB, CW
- Great for ICOM IC-706
- 15 dB low noise GaAsFET preamp
- Reverse polarity protection/SWR Protection
- FREE mobile bracket • Auto T/R switch
- FREE handheld BNC to B-310-G cable
- Ultra-compact 4 1/8 x 1 3/4 x 7 1/4 inches, 2 1/2 pounds
- One year MIRAGE warranty

Boost your 2 Meter handheld to 100 Watts!

Ultra-compact all mode B-310-G amp is perfect for all handhelds up to 8 watts and multimode SSB/CW/FM 2 Meter rigs. Great for ICOM IC-706!

## 6 Meter Amplifier (50-54 MHz)

FCC Type Accepted



The A-1015-G, \$389, is the world's most popular all mode FM/SSB/CW 6 Meter amplifier. 150 watts out for 10 in. For 1 to 15 watt transceivers.

## 70cm Amplifiers (420-450 MHz)



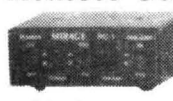
D-3010-N, \$365, -- 100 W out/30 in. For 5 to 45 watt mobile/base. D-1010-N, \$395, 100 W out/10 in. Dual purpose -- for handhelds or mobile/base. D-26-N, \$269, 60 W out/2 in, for handhelds.

## Amateur TV Amps



Industry standard ATV amps -- D-1010-ATVN, \$414, 82 watts PEP out / 10 in. D-100-ATVN, \$414, 82 watts PEP out/2 in. (without sync compression).

## Remote Control Head for Amps



RC-1, \$45, remote controls most MIRAGE amps. Power On/Off, preamp On/Off, switch for SSB/FM. 18 foot cable (longer available). 1 1/8 x 3 1/4 x 2 1/2 inches.

## 35 Watts for 2 Meter HTs

B-34-G  
\$89.95  
Suggested Retail



Power Curve -- typical B-34-G output power								
Watts Out	18	30	33	35+	35+	35+	35+	35+
Watts In	1	2	3	4	5	6	7	8

- 35 Watts Output on 2 Meters
- All modes: FM, SSB, CW
- 18 dB GaAsFET preamp
- Reverse polarity protection
- Includes mobile bracket
- Auto RF sense T/R switch
- Custom heatsink, runs cool
- Works with handhelds up to 8 watts
- One year MIRAGE warranty

35 watts, FM only... \$69.95

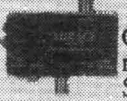
B-34, \$69.95. 35 watts out for 2 watts in. Like B-34-G, FM only, less preamp, mobile bracket. 3 1/8 x 1 3/4 x 4 1/4 inches.

## Repeater Amps



11 models -- continuous duty all mode FM/SSB/CW repeater amps for 6, 2, 1 1/4 Meters, 70cm, 450 MHz ATV.

## Low noise GaAsFET preamps



High gain ultra low noise GaAsFET preamps for receiving weak signals. Selectable gain prevents receiver intermod. 15 to 22 dB gain. Less than 0.8 dB noise figure. Automatic RF switching up to 160 Watts. Choose In-Shack model or Mast-Mount (includes remote control) model to reduce loss. Rugged die-cast enclosure.

Frequency (MHz)	In Shack \$139	Mast Mount \$195
28-30	KP-1/10M	KP-2/10M
50-54	KP-1/6M	KP-2/6M
144-148	KP-1/2M	KP-2/2M
220-225	KP-1/220	KP-2/220
430-450	KP-1/440	KP-2/440

switching with remote external keying. RC-1B, \$45, Remote Control. On/Off, pre-amp On/Off, selects SSB/FM. With 18-ft cable. Draws 17-22 amps at 13.8 VDC. 12x3x5 1/2 in.

## More 160 Watt, 2 Meter Amplifiers...

B-2516-G, \$299. For 10 to 35 watt mobile or base stations. 160 watts out for 25 watts in.

B-1016-G, \$379. MIRAGE's most popular dual purpose HT or mobile/base amplifier. 160 watts out/10 W in. For 0.2-15 watt transceivers.

B-215-G, \$379. MIRAGE's most popular handheld amp. 150 watts out/2 watts in; 160 watts out/3 1/2 W in. For 0.25 to 5 watt handhelds.

## MIRAGE Dual Band 144/440 MHz Amp

BD-35  
\$159.95  
Suggested Retail



Power Curve -- typical BD-35 output power								
Watts Out (2Meters)	30	40	45	45+	45+	45+	45+	45+
Watts Out (440 MHz)	16	26	32	35+	35+	35+	35+	35+
Watts In	1	2	3	4	5	6	7	

- 45 Watts on 2 Meters/35W on 440 MHz
- Auto Band Selection • Auto T/R switch
- Full Duplex Operation • 5x1 1/2 x 5 inches
- FREE mobile bracket • "On Air" LEDs
- Single Connector for dual band radios and antennas
- Reverse polarity protection
- Works with all FM handhelds to 7 watts
- One year MIRAGE warranty

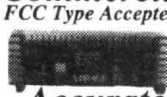
Add this Mirage dual band amp and boost your handheld to a powerful mobile or base -- 45 watts on 2 Meters or 35 watts on 440 MHz! Mirage's exclusive FullDuplexAmp™ lets you talk on one band and listen on the other band at the same time -- just like a telephone conversation. (Requires compatible HT).

## 1 1/4 Meter Amps (223-225 MHz)



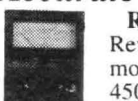
Choose from 10 models -- 20 to 220 watts out for 2 to 50 watts in, \$129 to \$655.

## Commercial Amps (\$199 to \$395)



FCC Type Accepted Commercial amps for 150 - 174, 450-470 MHz and VHF marine bands, 70 - 130 watts out.

## Accurate SWR/Wattmeters



Read SWR directly and Forward/Reverse, Peak/Average power. Remote Coupler. 1.8-30, 50-200, 420-450, 1260-1300 MHz band models.

## One Year Mirage Warranty

Call your dealer for your best price! Nearest Dealer/Free Catalog: 800-647-1800

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## Taylor County Area Amateur Radio Club

Continued from page 11

done as a group. The course is intended to provide a general introduction to hazardous materials.

### CLARK/TAYLOR COUNTY AMATEUR RADIO EMERGENCY SERVICE (ARES) NEWS

Mike Schoenfuss, N9GHZ  
ARES Emergency Coordinator

- Don't forget to try to check into the weekly ARES net held Wednesdays at 8:30 p.m. on the Medford repeater (147.75/147.15). If the repeater is down or not functioning properly, alternate frequencies, in order, are 147.15 MHz simplex and 146.52 MHz simplex. You're also encouraged to volunteer for net control duty for the net.

- Here are some important dates for 1997 to keep in mind, as they may likely generate requests for ARES communications, based on previous years:

September 20 - 4th Annual High-ground Run/Walk, Neillsville

September 21 - Buzzard Buster Mountain Bike Race, Russell County Park, Hatfield

December 6 - 26th Annual Abbotsford Christmas Parade, downtown Abbotsford

Mark your calendars now, so that you can keep some, or all, of these dates open.

- A Taylor County SKYWARN Severe Weather Watch Net was held on July 16, 1997. The net was activated at 4 PM local time in response to weather conditions in the area at the time. The following stations were checked into the net: KA9-WDX, N9GEN, KE4FE, NZ9U, WB0HMS, WD9ITI and N9RRF, who acted as a relay to the Amateur Radio station at the La Crosse, Wis. office of the National Weather Service.

### OTHER NEWS

- The officers and membership of the Taylor County Area Amateur Radio Club wish to extend their sympathies to the family of Robert (KE9LX) and Mary Goessl, Medford. Their daughter, Mary "Shelly" Goessl, passed away on August 8th, 1997.

- The next two scheduled meetings of the Black River Wireless Assn. (BRWA) are as follows: Thursday, 9/11/97 and Thursday, 11/13/97. Both meetings start at 7:15 PM, are open to all area Amateur Radio operators, and are held at the American Legion Hall in Loyal, Wis. □

## Red Cedar Repeater Association, Inc.

Steve Hart, KA9OMC, Secretary

E616 810th Avenue

Knapp, WI 54749

2-Meter Repeater: 146.01 Input/146.61 Output

Greetings, RCRA sponsors and guests.

It appears at the morning of this writing that the problem with the Menomonie remote receiver has been solved and that the machine should go back on the air just in time for the Menomonie Tinman Triathlon. The remote, along with its receiver at the Colfax site, were knocked off the air in May of 1996.

With fall comes the return of our meetings of the Tuesday evening Social Hours; the first one is scheduled for September 23. Meeting time is 7:30 p.m. at the Peppermill Restaurant at 1414 9th Street, Menomonie, in the L-Mart shopping mall. Bring items to show or discuss. Pictures of summer trips and the family always welcome.

AA9UK, Rod at Chippewa Falls, has donated a TV with VCR that needs some repair.

N9XAS, Bob at Durand, is going to attend the Minnesota State Fair.

KA9WBC, Pauline at Knapp, is our most recent repeater sponsor, bringing us to a total sponsor number of 60. Pauline's OM, Charles, enjoys flying radio control planes.

N9TOW, Doug, was home on leave from boot camp recently and expects to go to Virginia for further duty.

KB9NIR, Scott, is looking for QST, Volume 24, Issue number 10 in reference to plans for building a gin pole and a J-pole.

N9FVA, Chuck, from Menomonie, attended the annual Boyceville FlyIn. Chuck owns and operates SkyPort, just west of Menomonie.

K9KGB, Bill at Menomonie, will get a trip with the Eau Claire Cavaliers to playoffs in British Columbia. Bill keeps the statistics for the club.

Steve Hart, KA9OMC  
RCRA Secretary/Treasurer



## SHEBOYGAN County Amateur Radio Club

Mike Musiel, KF9SJ, Secretary  
N9001 Dairyland Dr., Cleveland WI 53015

The August meeting of the Sheboygan County Amateur Radio Club was called to order by Kurt, N9ZMO. The SCARC meets every second Tuesday of the month at the Red Cross building, 2032 Erie Ave. in Sheboygan at 7 PM.

After a general introduction, the following organization and committee reports were presented to the club.

Mike, KF9SJ, representing the Sheboygan County ARES group, addressed the club in regard to ARES weather nets. Mike discussed why the ARES nets were not being held on the club repeater at this time. It was also discussed that an ARES member would announce the status of weather nets on the 147.06 repeater, and that ARES would be monitoring the 147.06 machine during posted weather watches and warnings.

The technical committee commented on the 147.06 receiver pre-amp failure during the storm of 25 July 97. The pre-amp has been taken off line, and is being repaired. The estimated repair cost to the club will be less than \$30.00.

The technical committee also presented a list of major items the club had in stor-

age, and suggested that the club sell the old Motorola repeater. The unit was not longer considered serviceable, and too heavy to try to peddle at hamfests. N9REH expressed interest in the repeater for parts, and a motion was moved and seconded to allow him to purchase it. A vote was taken by all present, and was passed by all except the traditional nay vote from Jim. (Glad to know some things don't change.)

The increasing amount of interference to the local repeaters was discussed, and it was agreed that it was time to form a local interference committee. The club will be contacting the other repeater operators in the area to form the LIC as a joint group.

The Field Day report was presented by Kurt, N9ZMO. A review of the 1997 event was discussed, and a request was made for volunteers for the 1998 Field Day committee. If you are interested, please contact any board member.

Steve, N9TRK, presented the treasurer's report and indicated that the club had \$1,615.75 in the treasury as of 1 Aug

Continued on page 11

OFFICIAL PUBLICATION OF CENTRAL WISCONSIN RADIO AMATEURS, LTD.

At University of Wisconsin, Stevens Point



WB9QFW 2-Meter Repeater 146.07-.67 and Club Station

P. O. Box 923 • Plover, WI 54467

### MEETING MINUTES August 13, 1997

There was no regular meeting this month. The annual picnic at Bob Baird, W9NN's house took place instead. There was no fox hunt. There was a variety of delicious food at the picnic. A big thanks go to all who helped cook the food and to those who brought the dishes to pass. And of course a big thanks to Bob for allowing us to have it at his home. THANK YOU ALL!

Sandra Curtis from Emergency Government is seeking our help in providing communications to support the Portage County Clean Sweep operation on Saturday, September 6 (the Saturday AFTER the Labor Day weekend).

The Clean Sweep is an organized effort to collect materials from homeowners that people want to dispose of but should not go into landfills. People bring in paint, pesticides, drain cleaner, acids,

old aerosol cans, etc.

They have asked for a total of 6 hams to work, 3 per shift. The first shift is from 8:30 to 11:30 and the second shift is from 11:30 to 2:30. Two hams would shadow the "greeters" who meet incoming vehicles and dispense information, and the 3rd ham would shadow the event coordinator.

Apparently, this event brings unpredictable activity and the coordinator needs to be able to communicate with the greeters to find out what types of materials are being brought in so events proceed smoothly.

We believe this request to be reasonable and well within the scope of our abilities. It also strikes us as an opportunity to demonstrate competence to county government. 2 people have volunteered, so we need 4 more people. Anyone interested in participating should call Mike Pagel, K9UW, at 346-4557 at work, or 824-5231 at home. Thank you. □

### Quarter Century Wireless Association Southeastern Wisconsin Chapter 162

Larry McCalvy, WA9JMO  
5400 Six Mile Road  
Racine, WI 53402



Our Chapter's annual picnic goes got a little wet. As the heavens poured forth an ample supply of rain, someone proclaimed another first for Chapter 162. Our first picnic rain! The history files collaborated the statement. The first three picnics at Johnson Park in Racine and the following six at the farm of Larry, WA9JMO, and Wendy, N9PAC, McCalvy were devoid of moisture. Living as one with the nature, we adapted and move the picnic inside the house. The roasted corn and side dishes were consumed; and the normal garden walk became a tour of the house with a slide show presentation thrown in. We had a great time. Art, W9VSO, and Terry, N9VKF, Vahovius drove in from Alabama to join in on the festivities.

After sharing the picnic day with us, Ed, N9NVK, and Marie Konicek headed for St. Mary's hospital the following Tuesday. A blocked carotid artery needed some surgical attention. On Thursday Ed was back home listening, I was told, to our weekly QCWA net. The surgery went as planned.

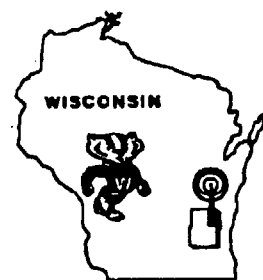
Bob, W0WLN, and Gladys Jensen

opted out of the picnic for a two-week getaway to Alaska. A side trip to spectacular Point Barrow was a high point of the fortnight. The last four days, and nights, were spent aboard the Royal Caribbean Cruise ship Rhapsody. As Bob and Gladys flew back to Milwaukee's International Airport, a piece of Bob luggage made a decision to extend its vacation by a day. The piece of luggage, reunited with Bob the next day, refused to say where it had been! The one down side to the trip was discovered when the travelers return to their car; some vandal had slashed one the vehicle's tires. It was a wonderful trip!

Our September business meeting will take place on Monday the 15th at the Meadow's Restaurant, Hwys "H" and "K" in Racine beginning at 7:30 pm.

Our Annual Election Meeting is scheduled for Sunday, October 19th, 1 pm at a place TBD. Check the weekly 9 pm Thursday net on 147.27 MHz for all the developing details.

73, Larry McCalvy, WA9JMO



## Washington County Amateur Radio Club

Tom Waldschmidt, N9LZW,  
Secretary  
465 Elder Lane  
Allenton, WI 53002-9799

Club Repeater: 146.73 MHz

<http://www.nconnect.net/~WCARC>

### MEETING MINUTES August 14, 1997

The August 14, 1997 meeting of the Washington County ARC was called to order at 7:36 P.M. by President Gary Sutcliffe, W9XT. There were eight members attending.

The minutes of the July meeting were read by Secretary Tom, N9LZW. Rip, W9SIZ, noted that his call was listed incorrectly in the minutes. Jim, KB9LTW, also mentioned that in addition to his recommendation for an Active Attenuator project he also proposed that the club hold a Fox Hunt. There was a motion by Rip, W9SIZ, seconded by Chris, N9ZES, to approve the minutes as corrected. Motion carried.

The Treasurer's Report was read by

Secretary Tom, N9LZW. There was a motion by Chris, N9ZES, seconded by Jim, KB9LTW, to accept the Treasurer's Report. Motion carried.

### ARES REPORT

Washington County Emergency Coordinator Walt, N9LLS, gave an ARES report. Walt reported that ARES members provided communication support for the Cedar Lake Cycling Classic Road Race which was held just south of West Bend recently. Those volunteering their time and equipment included: Kevin, N9LTH; Chris, KB9NLF; Bill, N9IBU; Rip, W9SIZ; Jim, KB9LTW; and Walt, N9LLS. Walt said that participants chose between

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# Washington County Amateur Radio Club

Continued from page 12

10, 20, and 30 mile races. The event went well except for one racer who fell down at the finish line.

## OLD BUSINESS

### Club Picnic

There was a discussion about the club picnic. Tom, N9LZW, said that we had not decided on a time for the club picnic. He suggested 11:00 A.M. Those in attendance agreed that this would be a good time to begin setting up and start the grill. The picnic will be held at Riverside Park in West Bend on Saturday, August 23. Maury mentioned that the hiking and biking trails made this an ideal park for kids.

### Banner

Gary, W9XT, said that Brian, N9-LOO, has been too busy with work and will be unable to work on the club banner. Walt, N9LLS, volunteered to take on the job of designing a club banner. The size is expected to be about 3 ft. by 4 ft. Maury, W9MQD, said that there was an exhibitor at the Washington County Fair that made banners. Gary, W9XT, also said there was a business near AES in Milwaukee that made banners.

## NEW BUSINESS

Gary, W9XT, reported that Brian, N9LOO, has submitted his resignation as Program Chairman because of work commitments. Gary proposed that we establish a Program Committee. Jim, KB9LTW, and Kevin, N9LTH, volunteered to be on this committee. One additional volunteer is desirable.

There was some discussion about our monthly programs. January is our election month, May is our Homebrew contest, and June is Field Day Preparations. That leaves just 9 months to come up with programs for. Maury, W9MQD, said that Sherm, W9NGT, and Don, K9GR, have previously presented good programs. Walt, N9LLS said he will talk to a friend about

putting on a program. Kevin, N9LTH, suggested having ARRL tapes. Walt, N9LLS, said he already has one tape available. Gary, W9XT, mentioned a tape about the "World Team". Tom, N9LZW, said that he could provide an annual tour of the Sheriff's Dept and dispatch center. Dave, KA9RNU, has arranged for the Civil Air Patrol to give a program at the September meeting.

## Proposed Tower Legislation

Gary, W9XT, reported that some local governments are considering tower and antenna legislation. The proposed legislation is very broadly defined and would make it difficult for amateur radio operators to erect effective towers and antennas. Following a discussion, there was a motion by Gary, W9XT, seconded by Rip, W9-SIZ, to have the club send a letter to town officials expressing our view on this legislation if there was a request from a member. The letter would identify some affected amateur radio operators within the municipality if those amateurs consented to having their names used. Motion carried.

Jim, KB9LTW, suggested that the Emergency Government Director, Jim Pamperin, be asked to draft a letter addressing this legislation. A copy of this letter could accompany the club's.

There was a motion by Kevin, N9-LTH, seconded by Walt, N9LLS, to adjourn the meeting. Motion carried. Meeting adjourned at 8:30 P.M.

Respectfully submitted,  
Tom, N9LZW, Secretary

## Club Calendar

Thu 09/04/97, 7:30 P.M., Net, 146.730  
Sat 09/06/97, 9:00 A.M., Breakfast, Jimmy's in Jackson  
Thu 09/13/97, 7:00 P.M., ARES meeting, Court-house in West Bend  
Thu 09/13/97, 7:30 P.M., Club meeting, Court-house in West Bend; Program: Civil Air Patrol  
Sat 09/13/97, 9:00 A.M., Breakfast, Mineshaft in Hartford  
Thu 09/18/97, 7:30 P.M., Net, 146.730  
Sat 09/20/97, 9:00 A.M., Breakfast, Slinger Inn in Slinger  
Thu 09/25/97, 7:30 P.M., Net, 146.730  
Sat 09/27/97, 9:00 A.M., Breakfast, Woodview Rest. in West Bend

# Milwaukee Mayor John Norquist explains city's tower law

In response to BSSS' inquiry about the new tower ordinance in Milwaukee, the following was received. The new law becomes effective November 1, 1997.

Thank you for contacting my office with your concerns about the City's new tower ordinance. I appreciate this opportunity to explain my position on this important issue.

I recognize the many positive impacts ham radio operators have on the city. They have my understanding and respect as citizens who clearly provided valuable public services to our community for a variety of events and disaster situations.

But that is not the issue. The purpose of the transmission tower ordinance is not to debase ham radio or preclude any new towers. It is designed to balance the interests of broadcasters, telecommunication services, and ham radio operators with the interest of area residents who would be affected by the construction of new towers.

To ensure that all interests are taken into account, each new tower proposal will require review and approval of the Board of Zoning Appeals for locations in single-family zone districts or those that exceed height limits. I want to assure you that the Board also recognizes ham radio operators' valuable community service, and will undoubtedly take this into consideration when deciding any specific proposal. Resident and applicant testimony alike will be given the Board's full, impartial attention.

The basic premise behind the new ordinance is that government should not create a favored class. In other words, if there is a public purpose to have transmission tower regulations at all, then those regulations should apply to all towers equally. Exemptions should not be given on the basis of who owns or uses those towers. Now, even police and other public communications towers will be subject to the same rules as everyone else.

Yet, please know that all existing towers are permitted as is under the new ordinance. Even if an existing tower exceeds the height limits specified in the ordinance, it will be allowed to remain in operation.

Thank you again for contacting me with your concerns.

Sincerely,

/s/ John O. Norquist  
Mayor

# Wisconsin QCWA Chapter 55



Verne Teske, W9RYA, Chapter Chairman (right) made presentations of 50-year Anniversary Award and Century Award -- 50-year) to Jackie Toppe, W9AYX (center) and a 70-year Anniversary Award plus a Century Award -- 121-year) to her husband George, W9QFL (left). Another will be published next month.

Photo courtesy of Les Peterson, W9YCV

Saturday, June 14 was one gorgeous day for WI Chapter 55's spring meeting at Fisher's Supper Club, Lake Delton, WI. Forty-four members and guests came from around the State to attend.

Preceding the meeting, there was a registration and attitude adjustment period. During which Grace Froehlich (the wife of Erv, W9-RZW) entertained us with many familiar tunes on the piano as "Eyeball" QSOs took place.

Afterwards everyone found a place at a table. Then Chairman Verne Teske, W9RYA, called for a moment of silence in respect for our most recent "Silent Keys" George Cox, W9OBB (ex-N9BCX), and Daniel Maxwell, W9ANC. Included also were those that have preceded them. Verne then gave the invocation after which everyone enjoyed a buffet style dinner. The food was plentiful and wonderful.

Following dinner, there was a short business meeting that included reading of the minutes by Jack Krause, W9JK, the secretary and a treasurer's report from Erv Froehlich, W9RZW. Next, Verne asked for a location for the October business meeting and a committee to arrange it. He also asked for a nominating committee as three board members' terms are expiring. Having received no response to either call, the current officers and board members will serve as a nominating committee. Verne will work on getting an October meeting location and committee. It

will likely be in the East Central part of the state.

Presentation of certificates came next. Fifty-year Anniversary Awards went to: Jackie Toppe, W9AYX, (she got a 100-year Century Award too), George Halper, W9-SUF, Verne Teske, W9RYA, and Erv Froehlich, W9RZW.

Although not present, Mel Bernstein, W9WZ, got one for 55 years. Reno Goetsch, W9NA, was the recipient of a sixty-year award and a 109-Century Award. Sixty-five year awards went to: Duane Haas, W9BCV, and Harvey Bahlke, W9HNX who got a 110-Century Award too. George Toppe, W9QFL, received a 70-year award and a 121-Century Award. This reporter was the recipient of a 101-Century Award.

John Catlin, W9ZVY, the recipient of the highest award, a 75-year plaque was unable to attend. So, Erv Froehlich, W9RZW, will visit John and present the plaque to him later.

Door prizes were an exchange of items. Anyone bringing a door prize could pick one from the table. After this exchange, we had a program furnished by Ed Wille, W9PWG. It was an interesting and informative video tape about the "Code Breakers." They were people who worked on breaking the German and Japanese codes and ciphers during World War II. Our thanks to Ed for all his work providing this program. After the program, it was homeward bound for all of us.

Photo and story by Les Peterson, W9YCV



**E.C.A.R.C.**  
EAU CLAIRE  
AMATEUR RADIO CLUB

Carl Searing, W9NW, Secretary  
P.O. Box 1867 • Eau Claire, WI 54702-1867  
<http://www.edp.net/~mceraso/ECARC.html>

The meeting was called to order by President N9OHE, Kevin, at 7:37 p.m. The minutes were read by a substitute secretary and approved following a few corrections. The treasurer's report was read by Jim, WB9RBP. Treats for next month's meeting will be brought by N9YJJ and WB9RBP.

The program for next month will be a presentation on sunspots by Dr. Paul Thomas of the Department of Physics and Astronomy at UW-EC.

A discussion about the hamfest then took place. A handout listing the income and expenses was shared with all. Some feedback was received which included some suggestions for next year. For example, having a bucket of sand outside the doors to the building would help to minimize litter caused by smokers. KB9AZZ offered to take care of having some public service announcements made up and sent out to help publicize the event next year.

The VEs had 15 people for testing. A thank you was received from the Red Cross for providing them a table at which to donate equipment they no longer used.

KC9NN suggested we try to have prizes identified early so that they could be listed on the fliers.

A suggestion was made that much of the hamfest planning could be done by a committee or committees in the future. That would probably be more efficient.

A suggestion was made that we consider a donation towards completion of the sound system in the facility. N9OHE will speak with Gordy about it. End of hamfest discussion.

A discussion about dues then took place, resulting in a motion not to change them. A committee was formed to propose suggestions for items for the club to support financially. Committee consists of WD9HFT, K9BDN, KE9KW, and N9-OHE.

KC9NN moved the club apply for a club call sign, after which we could apply for a vanity call. KE9KW seconded, and the motion passed. K9UXP will be listed as the trustee.

Discussion then took place about disposing of the club travel trailer, resulting in a motion by KE9KW to advertise and attempt to sell it. The motion was amended to offer it first to a party who has expressed interest in it. Motion passed as amended.

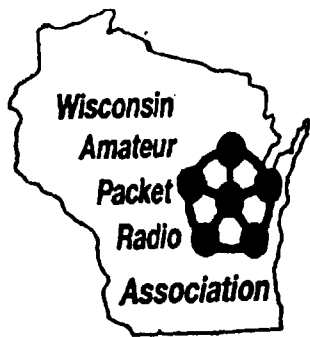
The last item to be discussed was whether or not the club should offer to provide more volunteer services to the Red Cross, etc.

KB9AZZ would like some help erecting a tower before winter. He will have a definite date in mind by next meeting.

KC9NN moved adjournment, KE9KW seconded and the meeting was adjourned.

Bert Spangler

**Give a gift subscription  
to Badger State Smoke  
Signals this year!**



# THE WISCONSIN PACKETEER

Wisconsin Amateur Packet Radio Association  
Bob Gedemer, KA9JAC  
609 Wilson Street • Neenah, WI 54956

Andy Nemec, KB9ALN, Editor • 720 N. Broadway (Upper West) • Green Bay, WI 54303

## WAPR News - September, 1997

Hello again everyone. While fall air is rushing toward us much faster than we all would like, we can at least take comfort in the arrival of one thing in Wisconsin - Football! Not a football fan? Well, I do hope you like raking leaves, then.

As we look into fall, there are a number of interesting packet radio developments in Wisconsin to tell you about. With any luck, we will see improvements in our packet network arrive just in time for winter - the prime packet radio season.

Fr. Bill Jablonski has been doing "extra duty" these days trying to get the central Wisconsin 6-meter corridor operating again, and has had some good success. I am told that currently, Sugar Camp has been seen on nodes lists, though the BBS at Sugar Camp is not operational. The status of the BBS is in question as of this writing, nothing definite is known there.

There is however, a plan for a "redundant link" to that area. Leroy, N8QWG is in charge of the node stack at Iron River in the UP of Michigan. He tells me that he is poised to install a UHF radio intended to link that area with Sugar Camp. All he needs is the time to do it. After recovering from a recent illness, he has a lot of catching up to do. He tells me that as soon as he finds time, he will install that radio at the Iron River node stack.

Fr. Bill's handiwork has also been evident in getting other nodes in his area working on 6 meters. A hearty thanks in order from everyone who uses the Wisconsin Network.

Joel, N9BQM is among those who are working toward getting a site in Nielsville going. This is a UHF Backbone node set to link into Eau Claire. He also plans to "clean-up" some of the UHF nodes and upgrade the radios at other sites. Currently, he is waiting for the radios, which are in the process of being modified.

Also comes word that the "cross-lake link" for folks in the eastern part of the state will once again be operational soon. The hangup has not been on the Algoma, Wisconsin side, but rather in Michigan. For a variety of reasons, the node in Empire, Michigan has been down for quite some time. Which was a shame, as it was not up too terribly long before other equipment malfunctioned and damaged the radio (and the TNC). This was (and still is) a great study of UHF propagation over water, and we never really got much of a chance to work with it. Hopefully, the work will continue for a long time.

One of the attractions of going across the pond was a packet-to-internet gateway that Dave, N8IT has. These are becoming more and more common, and a new one has sprung up for the folks in the Fox River Valley. John, N9RJZ has had an

experimental gate going now for a couple of months. The fun recently came to an end (temporarily) when the computer he was using died. Never fear, the reconstruction of the gateway has begun. It may well be a couple of weeks before he is ready to accept visitors, but we will spread the word when he is ready. You will know he is back up if you see N9RJZ on the heard list of #96APL (in Appleton).

The only remaining news is a meeting date. As it stands, we are trying to arrange the next WAPR meeting. We also plan to conduct the long-awaited TCP/IP seminar that was postponed when I could not make the meeting we had originally scheduled it for. Look for the announcement on your local packet BBS.

Please also consider this a direct appeal for your attendance. If you have wondered what WAPR is all about, thought about coming to a meeting and never did, please try to make this one. I have recently received news that NEDA, the North East Digital Association, is losing steam. This is one of the most progressive packet radio organizations in the country. Let's not let this kind of thing get the best of us in Wisconsin. Please stop by and check our meeting out. I think you will find it time well spent.

That's about all for this month. Until next time, 73 from Andy.

Andy Nemec  
andy@hardware.cae.wisc.edu  
Amateur Radio: kb9aln.ampr.org

## Using the Wisconsin Network - Part 31 by Andy Nemec, KB9ALN

Someone once said, in describing packet radio, that it is a mode that is looking for its "niche". One may easily draw that conclusion these days from simple observation. Not all packeteers use the mode for the same thing. Some use it for information, reading everything that comes off the BBS. Some use the Sale ads on the BBS to keep track of pricing on used gear. Some use it to communicate with their buddies, and still others use it to chase rare DX. In fact, one can almost call packet radio a tool rather than a particular mode in the traditional sense.

While it might not be obvious to the casual observer,

this is what packet radio is becoming - a resource more than a preoccupation. At least to some members of the packet community, it is regarded more as a utility than a passion. Which is not a bad way to look at it when you pursue emergency communications as part of the hobby we call Amateur Radio. Packet radio can become a valuable tool in emergency communications, rather than a replacement for a particular way of doing things.

While I have not experienced every kind of disaster operation, there are some that I and other amateurs have experienced. In the process of dealing with these disaster scenarios, packet radio has revealed itself as a rather helpful resource.

What can you use packet radio for in an emergency? Well, there are things that packet radio is simply not cut out to do. If everyone used packet exclusively as a means to report storm activity, the Skywarn program would be of questionable value. However, there are some areas where packet has found its "niche".

In the case of the Skywarn system, it can certainly aid meteorologists in getting information before a net control operator is able to get to the NWS office. Many such operations configure the packet station to print out incoming messages so that meteorologists can read storm reports

before the net control operator arrives. While voice is often the quickest and most efficient method to convey severe weather reports, it does no good when there is nobody on the other end of the radio circuit. This is one tool that the Skywarn people can find useful.

And we can't neglect APRS. The Automated Position Reporting System can provide "pinpoint" coordinates eliminating any confusion as to a spotter's location. While these packets do not travel through a network well, they certainly can be used locally, with the coordinates relayed via a conventional method.

After the storm, many ham radio operators accompany the Red Cross on Damage Assessment rides. An operator with voice capabilities and a laptop can cover both a quantity of information and satisfy a need for immediate communications. Nothing beats packet for passing a quantity of information. What can take a long time conveying via voice can be sent in minutes via packet. Damage assessment data can be saved on the laptop and uploaded later, calls for immediate needs can be handled by voice.

I have also found that, when working with Kewaunee County RACES, packet is a helpful tool there. When long lists of any nature need to be transferred, packet provides an easy way to do this. We had a drill "casualty" list that would have taken 10 minutes to send and verify by voice. With a good typist on the other end, we were able to send it easily in seconds to our Public Information Officer in Green Bay.

When working the Weyauwega train derailment, we found two good uses for packet. First, it was a good backup to our voice radio path to the Division of Emergency

Management offices in Madison. The second was to have a method of conferring with the folks in Madison without anyone easily overhearing our conferences. Emergency coordinators often have fears of someone (from the press or general public) overhearing part of a conversation and misinterpreting what they hear. Packet is a little tougher to listen in on, partly because of the equipment, and partly because of the way it comes across the screen when you are monitoring.

This, and the ability to sit back and carefully compose a note made our jobs easier - we could think of what we needed to talk about rather than trying to remember it on the fly. And we did not have to be quite as diligent in our choice of wording. Of course, we never did forget that someone could listen in on our conversation. That comes with the territory.

As you can see, packet can be a useful tool when working in emergencies. In the next few installments, we will explore the mechanics of incorporating Packet Radio into your emergency operations.

Until next time, 73 from Andy.

Andy Nemec  
andy@hardware.cae.wisc.edu  
Amateur Radio: kb9aln.ampr.org

## Time to renew your WAPR membership

WAPR membership normally expires on July 1 of each year. If you have not already renewed your membership in WAPR, please take time to renew now. An application blank is included on this page. Take time to cut it out or copy it and send with your renewal check to the Treasurer, Bob Gedemer KA9JAC/WAPR, 609 Wilson St., Neenah, WI. 54956-3129

## THE TEST POINT

(continued from page 3)

Examiners (W5YI VEC). Held at North Suburban District Library, 6340 North Second St. (Hwy. 251), Loves Park, IL. Contact: Dennis G. Eksten, W9SS, (815) 877-6768.

## MINNESOTA TEST INFORMATION

From the September 1996 edition of "The Ground Wave", Saint Paul Radio Club.

Saint Paul Radio Club (SPRC)  
Contact: Jay Bellows, KOQBE (612) 222-7253  
Test Site: St. Paul Technical College  
235 Marshall Ave.  
St Paul, MN  
TESTING: First Saturday of the month, 8:30 a.m.

## WISCONSIN AMATEUR PACKET RADIO MEMBERSHIP APPLICATION

PLEASE PRINT

NAME: \_\_\_\_\_ CALL: \_\_\_\_\_ HOME PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: \_\_\_\_\_ CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

HOME BBS: \_\_\_\_\_ FREQ: \_\_\_\_\_ (Listing your home BBS is important)

Your HOME BBS should be a full service BBS, not your TNC's mailbox.

MY PACKET STATION OPERATES: \_\_\_\_\_ DAY \_\_\_\_\_ NIGHT \_\_\_\_\_ 24HRS

I OPERATE A: \_\_\_\_\_ DIGIPEATER WITH ALIAS OF: \_\_\_\_\_

\_\_\_\_\_ FULL SERVICE BBS

PRIMARY PACKET INTEREST/EXPERTISE IS: \_\_\_\_\_

\_\_\_\_\_ YES I want to receive Badger State Smoke Signals and I understand that part of my dues goes to pay this subscription. cost \$20.00

\_\_\_\_\_ NO I do not wish to receive Badger State Smoke Signals as a part of my WAPR membership. Cost \$15.00

COMPLETE and return this form with your check or money order - \$15.00 membership only or \$20.00 membership and Badger State Smoke Signals. made payable to W.A.P.R. (NOT payable to Bob Gedemer) to:

Bob Gedemer KA9JAC/WAPR  
609 Wilson St.  
Neenah, WI. 54956-3129



Anoka Amateur Radio Club (AARC)  
 Contact: Joe Wivoda, N0AU, (612) 753-6481  
 Test Site: Blaine City Hall  
 9150 Central Ave NE  
 Blaine, MN  
 TESTING: Second Sat. of the month, 9:00 a.m.

Bloomington Office of Emergency Management  
 (Bloomington Amateur Radio Club (BARC))  
 Contact: Dan Royer, KE0OR (612) 888-9756  
 Test Site: Creekside Community Center  
 98th & Penn Avenue S  
 Bloomington, MN  
 TESTING: Fourth Sat. of the month, 9:00 a.m.

Valley Amateur Radio Club (VARC)  
 Contact: Bill Martin, KA0CIR (612) 432-0438  
 Test Site: Hayes Community Center  
 14601 Hayes Road  
 Apple Valley, MN  
 TESTING: Second Thu. of the month 7:00 p.m.

W5Y1  
 Contact: Dave Ranney, N0AXL (612) 571-7441  
 Test Site: Eden Prairie Library  
 479 Eden Prairie Drive  
 Eden Prairie, MN  
 TESTING: Third Tue. of the month 6:30 p.m.

SE Metro Area Radio Club (SEMARC)  
 Contact: Dave Harrell, N0IPN (612) 459-8678  
 Test Site: Cottage Grove fire Station  
 8641 80th ST. S  
 Cottage Grove, MN  
 TESTING: Third Sat. of the month, 9:00 a.m.

The above information has been furnished by the various VEs. However, it is suggested that you confirm time, date and location BEFORE you make the trip to the test site. Occasionally, a test may be canceled and/or dates and locations changed. A Phone call could save you some grief and a wasted trip.



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FOR SALE: OMNI "D" with power supply and mike. Just gone over at factory, \$450.00. Kenwood 7400A, \$150.00. Model 645 TenTec Keyer, \$25.00. Butternut vertical, needs some repair \$20.00. Cliff Wilson, WA9WCZ, 2075 Preston Dr., Richland Center, WI 53581-1014. (608) 647-4056.

FOR SALE: Colorful United States Stamps. 100 all different. \$1.00 postpaid. Richard Regent, K9GDF, 5003 South 26th St., Milwaukee, WI 53221.



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## Yellow Thunder Amateur Radio Club

WB9FDZ (Original Club Call)  
 K9ODK (Robert L. Prine Memorial Call)

Raymond J. Matlosz, N9MLZ, Secretary  
 450 West 2nd Street • Reedsburg, WI 53959



The August 13, 1997 meeting of the Yellow Thunder Amateur Radio Club, Inc. was called to order at 7:40 p.m. by Steve Schulze, N9UDO. Somewhere, out there in Baraboo, the fox still plays as no one went looking for same.

The minutes of were accepted as published in BSSS. There was no treasurer's report.

OLD BUSINESS: The Swapfest was a success! A good time was had by all. The club thanks Jim Romelfanger, K9ZZ for donating two subscriptions to BSSS as door prizes. Thanks goes to all club members, participants, sponsors and vendors for making the club's first effort at a swapfest as fun and successful as it was. It was so much fun that the club voted to do it again next year and then some on the second Saturday in August. The date next year will be August 8, 1998. About 250 people attended.

Bill Hommel, KA9QFJ gave a few more stats on the club's field day activities.

NEW BUSINESS: The club received information to attend the 31st annual Governor's Conference on Emergency Management to be held in Stevens Point Sept 30 and October 1. Disaster Drill is planned in Baraboo September 20. Members discussed offering ham classes for either this fall or next spring. Selection of new officers is scheduled for next meeting.

NEXT MEETING: Thursday September 18, 1997 at 7:30 p.m. room 14 Baraboo Civic Center.

The following members were present:

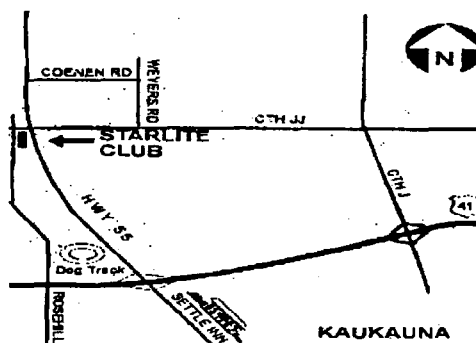
Bill Klinkner	N9KXX	Sauk City
Steve Schulze	N9UDO	Baraboo
Bill Hommel	KA9QFJ	Baraboo
Wayne Burgess	N9UDX	Madison
Thomas Harrison	N9PQJ	Reedsburg
Leonard Wagner	N9XJG	Baraboo
Raymond Matlosz	N9MLZ	Reedsburg

I was in a car dealership a while ago when a large motor home was towed into the garage. The front of the vehicle was in dire need of repair and the whole thing generally looked like an extra in "Twister." I asked the

manager what had happened. He told me that driver had set the cruise control, then went back to make a sandwich. -- internet via Joe Mayenschein.

### FOX CITIES AMATEUR RADIO CLUB

# ANNUAL HAMFEST KAUKAUNA, WI NOVEMBER 2nd 1997



AT THE STARLITE CLUB,  
 CORNERS OF HWY 55  
 AND CTY. RD. JJ  
 TALK IN FREQ.  
 146.52 SIMPLEX  
 V.E. TESTING  
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 GREAT DEALS  
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## PRE-REGISTRATION FORM

NAME+CALL \_\_\_\_\_ PHONE NUMBER: (\_\_\_\_)\_\_\_\_-\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

## YOU MUST BUY ADMISSION TICKET IF YOU PRE-REGISTER

ADVANCED ADMISSION TICKETS \$\_\_\_\_ X \$ 4.00 ea. = \_\_\_\_\_  
 8 FT. LONG TABLES \$\_\_\_\_ X \$ 8.00 ea. = \_\_\_\_\_  
 TOTAL AMOUNT ENCLOSED \$\_\_\_\_\_

SEND CHECK OR MONEY ORDER ( NO CASH PLEASE ) PAYABLE TO:

FCARC 1912 RUSSET CT. APPLETON WI 54914

ATTN: CHAD PENNING ( N9PRC ) HAMFEST CHAIRMAN

### AMATEUR RADIO EXAM INFO:

REGISTRATION STARTS AT 8:00 AM ON SUN. NOV. 2nd

REGISTRATION ENDS AT 9:00 AM AND TESTING STARTS

NO WALK-IN'S AFTER 9:00 AM

BRING ORIGINAL LICENSE PLUS ( 2 ) COPIES

BRING A PHOTO I.D.

FOR MORE EXAM INFO CONTACT: LARRY SIEBERS ( KD9IA ), PHONE 414-757-1167



# SHOPPER'S GUIDE

## SWAPFESTS



**26th ANNUAL MIDWINTER  
SWAPFEST**  
WAUKESHA EXPOSITION  
CENTER  
WAUKESHA, WISCONSIN  
**SUNDAY  
JANUARY 11, 1998**

Both sponsored by:  
**THE WEST ALLIS RADIO AMATEUR CLUB, INC.**  
P. O. BOX 1072 • MILWAUKEE, WISCONSIN 53201

**HAM IT UP EVERY SPRING!**  
**MADISON SWAPFEST**  
**SUNDAY, APRIL 5, 1998**  
John Q. Hammons Trade Center  
1313 John Q. Hammons Drive  
Just west of intersection of Beltline and Greenway Blvd.  
Sponsored by MARA/W9HSY  
P. O. Box 8890 Madison, WI 53708-8890  
Swapfest Information Line: (608) 245-8890

**SOUTH MILWAUKEE AMATEUR RADIO CLUB**  
**SWAPFEST 98**  
**July 11, 1998**  
(Held every July)  
**American Legion Park**  
**Shepard Avenue • Oak Creek, WI**  
(414) 762-3235 Extension 58  
P. O. Box 102 South Milwaukee, WI 53172

**Fox Cities Hamfest**  
**Sunday, November 2, 1997**  
Starlite Club, Hwy. 55 north of Kaukana

HAMFEST INFO:  
Chad Pennings, N9PRC  
1912 Russett Ct., Apt. 7  
Appleton, WI 54914  
(920) 993-0485

EXAM INFO:  
Larry Siebers, KD9IA  
(414) 759-1167

**Lakeshore Hamfest**  
**and Computer Swapfest**  
**Manitowoc County Expo**  
Intersection of Hwys. 42-151 and I-43 on Cty. Hwy. R  
**Saturday, May 10, 1997**  
For more information, call:  
Glenn, AA9MT: 414-684-7096  
Red, N9GHE: 414-684-9097  
ManCoRad Radio Club • P.O. Box 204 • Manitowoc, WI 54221-0204

**TRI-COUNTY ARC PRESENTS**  
**HAMFEST 1998**  
**YOUR SPRING FAVORITE!**  
**Sunday, March 15, 1998**  
**Jefferson County Fairgrounds**  
TCARC • 213 Frederick Street Fort Atkinson, WI 53538  
414-563-6381 Evenings

**21st Annual**  
**CWRA Swapfest**  
**Sunday, June 7, 1998**  
**8 a.m. to 2 p.m.**  
**JUNCTION CITY VILLAGE PARK**  
Info: John Feltz, WA9LWJ (715) 457-2506  
973 E. First Street Junction City, WI 54443

**Eau Claire Amateur Radio Club**  
**SWAPFEST**  
**Saturday, July 12, 1997**  
**Eau Claire County Fairgrounds**  
Intersection of Highways 93 and I-94  
Carol Ceraso • (715) 723-9205 Liz Seasing • (715) 834-1303  
P.O. Box 1867 • Eau Claire, WI 54702-1867  
<http://www.edp.net/~mcceraso/hamfest.html>

**RACINE HAMFEST 97**  
**Sunday, July 27, 1997**  
**8 A.M. - 2 P.M.**  
**SOUTH HILLS COUNTRY CLUB I-94**  
East Frontage Road  
Between Highway 20 and Highway K  
**OUTDOOR AND INDOOR SALES**  
Free Tailgating  
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Advance Tickets \$ASE and \$4.00  
Send to RMC, P.O. Box 3, Racine, WI 53401

**Ozaukee Radio Club**  
**20TH ANNUAL RADIO AND  
COMPUTER SWAPFEST**  
**Saturday, May 2, 1998**  
**8 a.m. to 1 p.m.** • Circle B Recreation Center  
Intersection of Highway 60 and County I  
Exams by Badger Examiners, c/o Gary Sharbuno,  
5119 W. Willow Rd., Brown Deer, WI 53222  
Swapfest sponsored by the Ozaukee Radio Club  
W58 N985 Essex Drive, Cedarburg, WI 53012-1439

**Adams County Amateur Radio Club**  
**SPRING HAMFEST**  
**Sunday, June 7, 1998**  
**(NOTE DATE/YEAR CHANGE)**  
**Adams County Fairgrounds**  
West of Hwy. 13 on Cty. J • Friendship, WI  
Adams County Amateur Radio Club P. O. Box 232  
Friendship, WI 53934 Nick Segina, WB9YKK, (608) 339-9014  
Packet: N9TD-1 on 145.03

**Red Cedar Repeater Association, Inc.**  
**AUCTION**  
**February 24, 1998 • 7:00 p.m.**  
**American Legion Post 53 • 634 Water Street**  
**Eau Claire, WI**  
CONTACT:  
Steve Hart, KA9OMC 715-665-2374  
E616 810th Ave. Knapp, WI 54749

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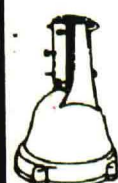
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**All Monitor Repair Company**  
Dick Scarvaci  
K9 CAN  
371 North Port Washington Road  
Grafton, WI 53024-9767



**Craig Henderson** Phone (419) 352-4465  
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FAX (608) 831-1082

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